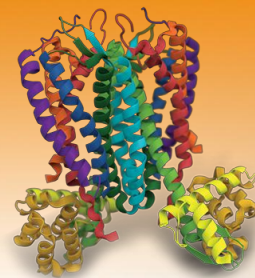


SYNTHELIS PROTEIN CATALOG



Synthelis, the cell-free expert, offers **validated protein with suitable activity and purity for your specific application** (screening & display technologies, antibody & vaccine development, structural biology, protein vectorization).

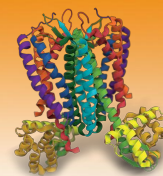
Thanks to our **patented cell-free technology**, choose the right protein from different families (GPCR, ion channel, transporter, etc.) and formats (proteoliposome or soluble detergent). Our proteins can be modified on demand (fluorescent or isotopic labeling, incorporation of unnatural amino acids, truncated or mutated forms...). Our in house experts are here to support you in your decision.

Please find below our available off the shelf products by family:

Viral Protein

Acronym	Protein	Origin	Family	Format*	Reference
E1	Envelop protein 1	Hepatitis C virus	Viral protein	Proteoliposome	PL011
E2	Envelop protein 2	Hepatitis C virus	Viral protein	Proteoliposome	PL010
N-protein	Nucleocapsid Protein (COVID-19)	SARS-Cov 2 virus	Viral protein	Soluble	S-144
S1-RBD	ACE2 Receptor binding domain (COVID-19)	SARS-Cov 2 virus	Viral protein	Soluble	S-146
F5L	Vaccinia major membrane protein	Vaccinia virus	Viral protein	Proteoliposome	PL007
HCV p7	Hepatitis C virus P7	HCV virus	Viral protein	Proteoliposome	PL042

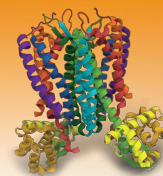
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GPCR

Acronym	Protein	Origin	Family	Format*	Reference
APJ/AR	Apelin Receptor	Human	GPCR	Proteoliposome	PL061
B2R	Bradykinin receptor 2	Human	GPCR	Proteoliposome	PL080
BR	Bacteriorhodopsin	Bacteria	GPCR	Proteoliposome	PL027
CCR1	C-C chemokine receptor type 1	Human	GPCR	Proteoliposome	PL021
CCR2a	C-C chemokine receptor type 2, isoform a	Human	GPCR	Proteoliposome	PL022
CCR2b	C-C chemokine receptor type 2, isoform b	Human	GPCR	Proteoliposome	PL023
CCR5	C-C chemokine receptor type 5	Human	GPCR	Proteoliposome	PL024
CXCR4	C-X-C chemokine receptor type 4	Human	GPCR	Proteoliposome	PL016
CXCR4	C-X-C chemokine receptor type 4	Human	GPCR	Detergent	D016
GLP1R	Glucagon-like peptide 1 receptor	Human	GPCR	Proteoliposome	PL067
GPR50	G-protein coupled receptor 50	Human	GPCR	Proteoliposome	PL095
GPR54	G-protein coupled receptor 54	Human	GPCR	Proteoliposome	PL097
HMOP	Mu-type opioid receptor	Human	GPCR	Proteoliposome	PL025
MT1	Melatonin receptor	Human	GPCR	Proteoliposome	PL028
RXFP1	Relaxin receptor 1	Human	GPCR	Proteoliposome	PL068

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ION CHANNEL

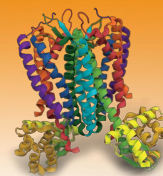
Acronym	Protein	Origin	Family	Format*	Reference
Kir1.1b	ATP-sensitive inward rectifier potassium channel 1 isoform b	Mouse	Ion channel	Proteoliposome	PL031
kv1.2	Potassium voltage-gated channel subfamily A, member 2	Rat	Ion channel	Proteoliposome	PL037
kv1.3	Potassium voltage-gated channel subfamily A, member 3	Mouse	Ion channel	Proteoliposome	PL036
kv1.3	Potassium voltage-gated channel subfamily A, member 3	Mouse	Ion channel	Detergent	D036
VDAC1	Voltage-Dependent Anion Channel 1	Human	Ion channel	Proteoliposome	PL029
VDAC1	Voltage-Dependent Anion Channel 1	Human	Ion channel	Detergent	D029

LIGAND

Acronym	Protein	Origin	Family	Format*	Reference
SDF1a	Stromal cell-derived factor 1	Human	Ligand	Soluble	S069

PORIN

Acronym	Protein	Origin	Family	Format*	Reference
OEP24	Outer envelope pore protein 24, chloroplastic	Plant	Porin	Proteoliposome	PL040



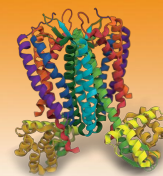
Enzyme

Acronym	Protein	Origin	Family	Format*	Reference
gp91phox (Nox2 subunit)	gp91phox	Human	Enzyme	Proteoliposome	PL008
KMO	Kynurenine 3-monooxygenase	Human	Enzyme	Proteoliposome	PL005
Nox2, p22 Phox	Cytochrome b-245 light chain	Human	Enzyme	Proteoliposome	PL039
Nox4	Nox4	Mouse	Enzyme	Proteoliposome	PL059
PORCN	Protein-Cysteine N-palmitoyltransferase porcupine	Human	Enzyme	Proteoliposome	PL006
TF	Tissue factor	Human	Enzyme	Proteoliposome	PL053

TRANSCRIPTIONAL REGULATOR

Acronym	Protein	Origin	Family	Format*	Reference
AROS	Active regulator of SIRT1	Human	Transcriptional regulator	Proteoliposome	S052

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TRANSPORTER

Acronym	Protein	Origin	Family	Format*	Reference
Bak	Bcl-2 homologous antagonist killer	Human	Transporter	Proteoliposome	PL038
EspH	Cytoskeleton-modulating effector of enterohaemorrhagic and enteropathogenic Escherichia coli	Bacteria	Transporter	Proteoliposome	PL051
HCV p7	Hepatitis C virus P7	Virus	Transporter	Proteoliposome	PL042
NhaA	Na(+)/H(+) antiporter NhaA	E. coli	Transporter	Proteoliposome	PL032
UCP1	Mitochondrial brown fat uncoupling protein 1	Mitochondria	Transporter	Proteoliposome	PL047

* All products are available in 10 µg, 20 µg, 50 µg, 100 µg, 200 µg and 500 µg quantities. For any other enquiry, please contact us.

Cannot find the protein you are looking for? We can help!

At Synthelis, we are experts in production, purification and characterization of proteins. Let us know which protein you are interested in and based on our proprietary cell-free technology, we can deliver it!

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