

Proteoliposomes

Full-Length

GPER (Human) Recombinant Protein

Catalog # H00002852-G01

Size 10 ug

Specification

Product Description	Human GPER full-length ORF (NP_001496.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MDVTSQARGVGLEMYPGTAQPAAPNTTSPELNLSHPLLGTALANGTGELSEHQQYVIGLFLSCLY TIFLFIGFVGNILILVVNISFREKMTIPDLYFINLAVADLILVADSLIEVFNLHERYYDIAVLCTFMSLFLQ VNMYSSVFFLTWMSFDRYALARAMRCSLFRTKHHARLSCGLWMMASVSATLVPFTAVHLQHTDE ACFCFADVREVQWLEVTLGFMFPAIGLCYSLMRVLVRAHRHRGLRPRRQKALRMILAVVLVFFV CWLPENVFISVHLLQRTQPGAAPCKQSFRHAHPLTGHVNLAAFSNSCLNPLYSFLGETFRDKLR LYIEQKTNLPALNRFCHAALKAVIPDSTEQSDVRFSSAV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.2
Interspecies Antigen Sequence	Mouse (87)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — GPER

Entrez GeneID	2852
GeneBank Accession#	NM_001505.2
Protein Accession#	NP_001496.1
Gene Name	GPER
Gene Alias	CEPR, CMKRL2, DRY12, FEG-1, GPCR-Br, GPR30, LERGU, LERGU2, LyGPR, MGC99678
Gene Description	G protein-coupled estrogen receptor 1
Omim ID	601805
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass membrane protein that localizes to the endoplasmic reticulum. The protein binds estrogen, resulting in intracellular calcium mobilization and synthesis of phosphatidylinositol 3,4,5-trisphosphate in the nucleus. This protein therefore plays a role in the rapid nongenomic signaling events widely observed following stimulation of cells and tissues with estrogen. Alternate transcriptional splice variants which encode the same protein have been characterized. [provided by RefSeq]
Other Designations	G protein-coupled receptor 30 IL8-related receptor OTTHUMP00000115502 chemokine receptor-like 2 constitutively expressed peptide-like receptor flow-induced endothelial G-protein coupled receptor heptahelix receptor leucine rich protein in GPR30 3'UTR

Disease

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