

Recombinant Human GOLIM4 protein, GST-tagged

Cat. No. GOLIM4-7855H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GOLIM4 protein(350-500 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	350-500 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	QVGQAEHLEEEHDPSPEEQDREWKEQHEQREAAANLLEGHARAEVYPSAKPMIKFQ SPYEEQLEQQRLAVQQVEEAQQLREHQEALHQQRLQGHLRQQEQQQQVAREM ALQRQAELEEGRPQHQEQLRQQAHYDAMDNDIVQGAEDQGIQ
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [GOLIM4 golgi integral membrane protein 4 \[Homo sapiens \]](#)

Official Symbol [GOLIM4](#)

Synonyms GOLIM4; golgi integral membrane protein 4; golgi phosphoprotein 4 , GOLPH4; Golgi integral membrane protein 4; GIMPC; GPP130; P138; golgi phosphoprotein 4; type II Golgi membrane protein; golgi phosphoprotein of 130 kDa; golgi integral membrane protein, cis; 130 kDa golgi-localized phosphoprotein; golgi-localized phosphoprotein of 130 kDa; cis Golgi-localized calcium-binding protein; GOLPH4;

mRNA Refseq [NM_014498](#)

Protein Refseq [NP_055313](#)

MIM [606805](#)

UniProt ID [O00461](#)

Gene ID [27333](#)

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SDS-PAGE



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