

## Recombinant Human GOLIM4 protein, GST-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GOLIM4 protein(350-500 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 350-500 aa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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). |
| <b>AASequence</b>       | QVGQAEHLEEEHDPSPEEQDREWKEQHEQREAAANLLEGHARAEVYPSAKPMIKFQ<br>SPYEEQLEQQRLAVQQVEEAQQLREHQEALHQQRLQGHLLRQQEQQQQQVAREM<br>ALQRQAELEEGRPQHQEQLRQQAHYDAMDNDIVQGAEDQGIQ                                                                                                                                                                                                                             |
| <b>Purity</b>           | 85%, by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | 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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