

Recombinant Human GPKOW protein, GST-tagged

Cat. No. GPKOW-301622H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPKOW (132-476 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met132-Asp476
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MIQKGCTPSGEGADSEPR AETVPEEANYEAVPVEAYGLAMLRGMGWKPGEGIGRT FNQVVKPRVNSLRPKGLGLGANL TEAQALTPTGPSRMPRPDEEQEKDKEDQPQGL VPGGAVVVLSGPHRGLYGKVEGLDPDNVRAMVRLAVGSRVVTVSEYYLRPVSQQE FDKNTDLRQQNGTASSRKT LWNQELYIQQDNSE RKRKHL PDRQDGPAAKSEKAA PRSQHWLHRDLRVRFVDNMYKGGQYYNTKMIIEDVLSPDTCVCRTDEGRVLEGLR EDMLETLVPKAEGDRVMVVLGPQTGRVGHLLSRDRARSRALVQLPRENQVVELHY DAICQYMGPSDTDDD
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).
	Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Gene Name	GPLOW G patch domain and KOW motifs [Homo sapiens]
Official Symbol	GPLOW
Synonyms	GPLOW; G patch domain and KOW motifs; G patch domain and KOW motifs-containing protein; G patch domain containing 5; GPATC5; GPATCH5; Spp2; T54; protein MOS2 homolog;
Gene ID	27238
mRNA Refseq	NM_015698
Protein Refseq	NP_056513
UniProt ID	Q92917

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