

Recombinant Full Length Human GPKOW Protein, GST-tagged

Cat. No. GPKOW-5546HF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Human GPKOW full-length ORF (NP_056513.2, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 476 amino acids |
| Description | This gene encodes a putative RNA-binding protein containing G-patch and KOW (Kyprides, Ouzounis, Woese) domains. The encoded protein interacts directly with protein kinase A and protein kinase X and is also found associated with the spliceosome. [provided by RefSeq, Aug 2013] |
| Molecular Mass | 78.6 kDa |
| AA Sequence | <p>MADSKEGVLP LTAASTAPISFGFTRTSARRRLADSGDGAGPSPEEKDFLKTVEGREL QSVKPQEAPKELVIPLIQNGHRRQPPARPPGPSTDTGALADGVVSQAVKELIAESKK SLEERENAGVDPTLAIPMIQKGCTPSGEGADSEPPRAETVPEEANYEAVPVEAYGLA MLRGMGWKPGEGIGRTFNQVVKPRVNSLRPKGLGLGANL TEAQALTPTGPSRMPR PDEEQEKDKEDQPQGLVPGGAVVVLSGPHRGLYGKVEGLDPDNVRAMVRLAVGS RVVTVSEYYLRPVSQQEFDKNTL DLRQQNGTASSRKT LWNQELYIQQDN SERKRK HLPDRQDGPAAKSEKAAPRSQHWLHRDLRVRVFDNMYKGGQYYNTKMIIEDVLS P DTCVCRTDEGRVLEGLREDMLETLPKAEGDRVMVVLGPQTGRVGHLLSRDRARS RALVQLPRENQVVELHYDAICQYMGPSDTDDD</p> |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------------|---|
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |
| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

GENE INFORMATION

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|------------------------|--|
| 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 |
| MIM | 301003 |
| UniProt ID | Q92917 |

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