

Recombinant Full Length Human GPRASP2 Protein, GST-tagged

Cat. No. GPRASP2-5531HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPRASP2 full-length ORF (NP_001004051.1, 1 a.a. - 838 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	838 amino acids
Description	The protein encoded by this gene is a member of a family that regulates the activity of G protein-coupled receptors (GPCRs). The encoded protein has been shown to be capable of interacting with several GPCRs, including the M1 muscarinic acetylcholine receptor and the calcitonin receptor. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, May 2010]
Molecular Mass	120.2 kDa
AA Sequence	MTGAEIEPSAQAKPEKKAGEEVIAGPERENDVPLVVRPKVVRTQATTGARPKTETKSV PAARPKTEAQAMSGARPKTEVQVMGGARPKTEAQGITGARPKTDARAVGGARSKT DAKAIPGARPKDEAQAWAQSEFGTEAVSQAEGVSQTNAAVWPLATAESGSVTKSK GLSMDRELVNVDAAETFPGTQGQKGIQPWFGPGEETNMGSWCYSRPRAREEASNE SGFWSADETSTASSFWTGEETSVRSWPRESNTRSRHRAKHQTNPRSRPRSKQE AYWDSWSGSEDEASNPFVFWGENTNNLFRPRVREEANIRSKLRTNREDCFESES EDEFYKQSWVLPGEEANSRFRHRDKEDPNTALKLRAQKDVDSDRVKQEPREFEEVI

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IGSWFWAEKEASLEGGASAICESEPGTEEGAIGGSAYWAEKSSLGAVAREEAKPE
 SEEEAIFGSWFWRDEACFDLNPCPVYKVSDRFRDAAEELNASSRPQTWDEVTV
 FKPGLFHGVGFRSTSPFGIPEEASEMLEAKPKNLELSPEGEEQESLLQPDQPSPEFT
 FQYDPSYRSVREIREHLRARESAESESWSCSCIQCELGIGSEEFEEFLLMDKIRDPF
 IHEISKIAMGMRSASQFTRDFIRD SGVVSLIETLLNYPSSRVRTSFLNMIHMAPPYPN
 LNMIETFCQVCEETLAHSVDSLEQLTGIRMLRHLTMTIDYHTLIANYMSGFLSLLTTA
 NARTKFHVLKMLLNLSENPAVAKKLFSAKALSIFVGLFNIEETNDNIQIVIKMFQNISNII
 KSGKMSLIDDDFSLEPLISAFREFEELAKQLQAQIDNQNDPEVGQQS

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

Gene Name

GPRASP2 G protein-coupled receptor associated sorting protein 2 [Homo sapiens]

Official Symbol

GPRASP2

Synonyms

GPRASP2; G protein-coupled receptor associated sorting protein 2; G-protein coupled receptor-associated sorting protein 2; FLJ37327; GASP2; FLJ35662;

Gene ID

114928

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mRNA Refseq	NM_001004051
Protein Refseq	NP_001004051
MIM	300969
UniProt ID	Q96D09

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