

Recombinant Full Length Human GPSM2 Protein, GST-tagged

Cat. No. GPSM2-5564HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GPSM2 full-length ORF (BAG36915.1, 1 a.a. - 677 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	677 amino acids
Description	Heterotrimeric G proteins transduce extracellular signals received by cell surface receptors into integrated cellular responses. GPSM2 belongs to a group of proteins that modulate activation of G proteins (Blumer et al., 2002 [PubMed 11832491]).[supplied by OMIM
Molecular Mass	100.87 kDa
AA Sequence	MREDHSFHVRYRMEASCLELALALEGERLCKSGDCRAGVSFFEEAAVQVGTEDLKTL SAIYSQLGNAYFYLDYAKALEYHHHDLTLARTIGDQLGEAKASGNLGNLTKVLGNFDE AIVCCQRHLDISRELNDKVGEARALYNLGNVYHAKGKSFSGCPGPQDVGEPPEEVRD ALQAAVDIFYEENLSLVTALGDRAAQGRAFGNLGNTHYLLGNFRDAVIAHEQRLLIAK EFGDKAAERRAYSNLGNAYIFLGEFETASEYYKETLLLARQLKDRAVEAQSCYSLGN TYTLLQDYEKAIIDYHLKHLAIAQELNDRIGEGRACWSLGNAYTALGNHDQAMHFAEK HLEISREVGDKSGELTARLNLSDLQMVGLGSLYSTNNSIMSENTEIDSSLNGVVRPKLG RRHSMENMELMKLTPKQVQNWSEILAKQKPLIAKPSAKLLFVNRLKGKKYKTNSSST KVLQDASNSIDHRIPNSQRKISADTIGDEGFFDLLSRFQSNRMDDQRCCCLQEKNCHT

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ASTTTSSSTPPKMMLKTSSVPVSPNTDEFLDLLASSQSRRLDDQRASFSNLPGLRLT
 QNSQSVLSHLMTNDNKEADEDFFDILVKCQGSRLDDQRCAPPPATTKGPTVPDEDF
 FSLILRSQGKRMDEQRVLLQRDQNRDRTDFGLKDFLQNNALLEFKNSGKKSADH

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	GPSM2 G-protein signaling modulator 2 [Homo sapiens]
Official Symbol	GPSM2
Synonyms	GPSM2; G-protein signaling modulator 2; deafness, autosomal recessive 82, DFNB82, G protein signalling modulator 2 (AGS3 like, C. elegans); G-protein-signaling modulator 2; LGN; Pins; mosaic protein LGN; G-protein signalling modulator 2 (AGS3-like, C. elegans); PINS; DFNB82;
Gene ID	29899
mRNA Refseq	NM_013296
Protein Refseq	NP_037428

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MIM	609245
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UniProt ID	P81274
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