

Recombinant Full Length Human GPSM1 Protein, GST-tagged

Cat. No. GPSM1-5562HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPSM1 full-length ORF (AAH09979, 1 a.a. - 434 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	434 amino acids
Description	G proteins propagate intracellular signals initiated by G protein-coupled receptors. GPSM1, a receptor-independent activator of G protein signaling, is one of several factors that influence the basal activity of G protein signaling systems (Pizzinat et al., 2001 [PubMed 11278352]).[supplied by OMIM
Molecular Mass	73.48 kDa
AA Sequence	MEASCLELALEGERLCKAGDFKTGVAFEEAAVQVGTEDLKTLSSAIYSQLGNAYFYLK EHGRALEYHKHDLALLARTIGDRMGEEKASGNLGNLTKVLGRFDEAAVCCQRHLSIA QEQQDKVGEARALYNIGNVYHAKGKQLSWNAANATQDPGHLPPDVRETLCASEF YERNLSLVKELGDRAAQGRAYGNLGNTHYLLGNFTEATTFHKERLAIKEFGDKAAE RRAYSNLGNAHVFLGRFDVAAEYKKTLLQSLRQLRDQAVEAQACYSLGNTYTLQD YERAAEYHLRHLLIAQELADRVGEGRACWSLGNAYVSMGRPAQALTFKKHLQISQ EIGDRHGELTARMNVAQLQLVLGRLTSPAASEKPDLAGYEAQGEFQGC GG VLLPTG TDRIRSCGGVGS R PGQHGGGGSRQKMAPTSQFFLASGTAQA

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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

Gene Name	GPSM1 G-protein signaling modulator 1 [Homo sapiens]
Official Symbol	GPSM1
Synonyms	GPSM1; G-protein signaling modulator 1; G protein signalling modulator 1 (AGS3 like, C. elegans); G-protein-signaling modulator 1; AGS3; AGS3 homolog (C. elegans); DKFZP727I051; AGS3 homolog; activator of G-protein signaling 3; G-protein signalling modulator 1 (AGS3-like, C. elegans); DKFZp727I051;
Gene ID	26086
mRNA Refseq	NM_001145638
Protein Refseq	NP_001139110
MIM	609491
UniProt ID	Q86YR5

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