

Recombinant Human GPSM2, GST-tagged

Cat. No. GPSM2-13504H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPSM2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-353a.a.
Description	Posttranslational glycosylphosphatidylinositol (GPI) anchor attachment serves as a general mechanism for linking proteins to the cell surface membrane. The protein encoded by this gene presumably functions in GPI anchoring at the GPI transfer step. The mRNA transcript is ubiquitously expressed in both fetal and adult tissues. The anchor attachment protein 1 contains an N-terminal signal sequence, 1 cAMP- and cGMP-dependent protein kinase phosphorylation site, 1 leucine zipper pattern, 2 potential N-glycosylation sites, and 8 putative transmembrane domains.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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
MIM	609245
UniProt ID	P81274
Chromosome Location	1p13.3
Function	GDP-dissociation inhibitor activity; GTPase regulator activity; binding; identical protein binding; protein binding;