

## 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<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	GPSM2 G-protein signaling modulator 2 [ Homo sapiens ]
<b>Official Symbol</b>	GPSM2
<b>Synonyms</b>	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;
<b>Gene ID</b>	29899
<b>mRNA Refseq</b>	NM_013296
<b>Protein Refseq</b>	NP_037428
<b>MIM</b>	609245
<b>UniProt ID</b>	P81274
<b>Chromosome Location</b>	1p13.3
<b>Function</b>	GDP-dissociation inhibitor activity; GTPase regulator activity; binding; identical protein binding; protein binding;

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