

## Recombinant Human GREM1, GST-tagged

Cat. No. GREM1-13522H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human GREM1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 18-184a.a.

**Description** Many proteins are tethered to the extracellular face of eukaryotic plasma membranes by a glycosylphosphatidylinositol (GPI) anchor. The GPI-anchor is a glycolipid found on many blood cells. The protein encoded by this gene is a GPI degrading enzyme. Glycosylphosphatidylinositol specific phospholipase D1 hydrolyzes the inositol phosphate linkage in proteins anchored by phosphatidylinositol glycans, thereby releasing the attached protein from the plasma membrane.

**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

**Gene Name** GREM1 gremlin 1 [ Homo sapiens ]

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<b>Official Symbol</b>	GREM1
<b>Synonyms</b>	GREM1; gremlin 1; CKTSF1B1, cysteine knot superfamily 1, BMP antagonist 1 , gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis); gremlin-1; DAND2; DRM; gremlin; gremlin 1-like protein; DAN domain family member 2; increased in high glucose-2; proliferation-inducing gene 2; increased in high glucose protein 2; cell proliferation-inducing gene 2 protein; cysteine knot superfamily 1, BMP antagonist 1; gremlin 1, cysteine knot superfamily, homolog; down-regulated in Mos-transformed cells protein; PIG2; IHG-2; GREMLIN; CKTSF1B1; MGC126660;
<b>Gene ID</b>	<a href="#">26585</a>
<b>mRNA Refseq</b>	<a href="#">NM_001191322</a>
<b>Protein Refseq</b>	<a href="#">NP_001178251</a>
<b>MIM</b>	<a href="#">603054</a>
<b>UniProt ID</b>	<a href="#">O60565</a>
<b>Chromosome Location</b>	15q13.3
<b>Pathway</b>	BMP receptor signaling, organism-specific biosystem;
<b>Function</b>	cytokine activity; protein binding;

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