

Recombinant Rat Grem1 protein, His-SUMO-tagged

Cat. No. Grem1-2991R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Grem1 protein(O35793)(25-184aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	25-184aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	34.2 kDa
AA Sequence	KKKGSQGAIPPPDKAQHNDSEQTQSPPQPGSRTRGRGQGGRGTAMPGEEVLESSQ EALHVTERKYLKRDWCKTQPLKQTIHEEGCNSRTIINRFCYGQCNSFYIPRHIRKEEG SFQSCSFCKPKKFTTMMVTLNCPQLPPTKKKRVTTRVKQCRCISIDLD
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION**Gene Name**[Grem1 gremlin 1 \[Rattus norvegicus \]](#)**Official Symbol**[Grem1](#)**Synonyms**

GREM1; gremlin 1; gremlin-1; gremlin 1 homolog, cysteine knot superfamily; cysteine knot superfamily 1, BMP antagonist 1; down-regulated in Mos-transformed cells protein; drm; Cktsf1b1;

Gene ID[50566](#)**mRNA Refseq**[NM_019282](#)**Protein Refseq**[NP_062155](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA