

GREM1 Human Recombinant

Item Number	rAP-3347
Synonyms	Gremlin-1 isoform 1, CKTSF1B1, DAND2, DRM, GREMLIN, IHG-2, PIG2, GREM1, Cell proliferation-inducing gene 2 protein, Cysteine knot superfamily 1, BMP antagonist 1, DAN domain family member 2, Down-regulated in Mos-transformed cells protein, Increased in hi
Description	GREM1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 183 amino acids (25-184) and having a molecular mass of 20.7 kDa. GREM1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O60565
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSKKKGSQG AIPPPDKAQH NDSEQTQSPQ QPGSRNRGRG QGRG-TAMPGE EVLESSQEAL HVTERKYLKR DWCKTQPLKQ TIHEEGCNSR TIINRFCYQQ CNSFYIPRHI RKEEGSFQSC SFCKPKKFTT MMVTLNCPEL QPPTKKRVT RVKQCRCISI DLD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The GREM1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**