

GREM2 Human Recombinant

Item Number	rAP-3348
Synonyms	CKTSF1B2, DAND3, PRDC, Gremlin-2, Cysteine knot superfamily 1, BMP antagonist 2, DAN domain family member 3, Protein related to DAN and cerberus, GREM2.
Description	GREM2 Human Recombinant produced in E. coli is a single polypeptide chain containing 170 amino acids (22-168) and having a molecular mass of 19kDa. GREM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H772
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSRKLRPAG AIPSPYKDGS SNNSEWQHQ IKEVLASSQE AL-VVTERKYL KSDWCKTQPL RQTVSEEGCR SRTILNRFY GQCNSFYIPR HVKKEEESFQ SCAFCKPQRV TSVLVELECP GLDPPFRLKK IQKVKQCRGM SVNLSDSKQ.
Source	E.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 GREM2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% 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 ender users! This product is sold for **Research Use Only**