

## 32-3922: GREM2 Recombinant Protein

**Alternative Name** 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

Source : E.coli. 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. GREM2 which is a member of the BMP (bone morphogenic protein) antagonist family takes part in regulating organogenesis, body patterning, and tissue differentiation. GREM2 is an antagonist of BMP and like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, is characterized by a C-terminal cystine knot with an 8-membered ring.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The GREM2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSRKNRPAI AIPSPYKDGS SNNSERWQHQ IKEVLASSQE  
ALVVTERTKYL KSDWCKTQPL RQTVSEEGCR SRTILNRFY GQCNSFYIPR HVKKEEESFQ SCAFCKPQRV  
TSVLVELECP GLDPPFRLKK IQVKQCRCM SVNLSDSKQ.

