9051 Mira Mesa Blvd, #910094
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GREM2 Human

GREM2 Human Recombinant
RCP0966

Product Overview

Name	GREM2 Human
Description	
GREM2 Human Recombinant	
Accession (Primary)	Q9H772
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.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The GREM2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS RKNRPAG AIPSPYKDGS SNNSERWQHQ IKEVLASSQE ALVVTERKYL KSDWCKTQPL RQTVSEEGCR SRTILNRFCY GQCNSFYIPR HVKKEEESFQ SCAFCKPQRV TSVLVELECP GLDPPFRLKK IQKVKQCRCM SVNLSDSDKQ.	
Precautions	

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GREM2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H772)