

Product datasheet for **AR50873PU-S**

Gremlin-2 / GREM2 (22-168, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Gremlin-2 / GREM2 (22-168, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSRKLRPAG AIPSPYKDGS SNNSEWQHQ IKEVLASSQE ALVTERKYL KSDWCKTQPL RQTVSEEGCR SRTILNRFY GQCNSFYIPR HVKKEEESFQ SCAFCKPQRV TSVLVELECP GLDPPFRLKK IQVKQCRCM SVNLSDDSKQ
Tag:	His-tag
Predicted MW:	19 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GREM2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_071914
Locus ID:	64388
UniProt ID:	Q9H772
Cytogenetics:	1q43
Synonyms:	CKTSF1B2; DAND3; PRDC; STHAG9



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Summary:

This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted glycosylated protein encoded by this gene is likely due to its direct binding to BMP proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. [provided by RefSeq, Jul 2008]

Protein Families:

Secreted Protein

Product images: