

Product datasheet for AR50873PU-N

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, 0.5 mg Species: Human E. coli **Expression Host:** MGSSHHHHHH SSGLVPRGSH MGSRKNRPAG AIPSPYKDGS SNNSERWQHQ IKEVLASSQE **Expression cDNA Clone** or AA Sequence: ALVVTERKYL KSDWCKTOPL ROTVSEEGCR SRTILNRFCY GOCNSFYIPR HVKKEEESFO SCAFCKPQRV TSVLVELECP GLDPPFRLKK IQKVKQCRCM SVNLSDSDKQ 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. NP 071914 RefSeq: Locus ID: 64388 **UniProt ID:** Q9H772 Cytogenetics: 1q43 Synonyms: CKTSF1B2; DAND3; PRDC; STHAG9



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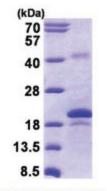
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Summary:This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like
BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers.
The CAN (cerberus and dan) subfamily of BMP antagonists, to which 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:



15% SDS-PAGE (3ug)

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