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GREM2, 22-168aa, Human, His tag, E.coli

产品货号: TP02333

第三版

别名: Gremlin-2 precursor, CKTSF1B2, DAND3, PRDC

描述: GREM2 is 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 protein belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted glycosylated protein is likely due to its direct binding to BMP proteins. As an antagonist of BMP, this protein may play a role in regulating organogenesis, body patterning, and tissue differentiation. Recombinant human GREM2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 19 kDa (170aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSRKLRPAGAIIPSPYKDGSSNNSERWQHQIKEVLASSQEALVVTERKYLKSDWCKTQP
LRQTVSEEGCRSRTILNRFYCYGQCNSFYIPRHVKKEEESFQSCAFCKPQRVTSVLVELECPGLDPPFRLKKIQKVKQCRCMS
VNLSDSDKQ

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.