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NOG, 28-232aa, Human, His tag, Baculovirus

产品货号: TP03184

第三版

别名:Noggin, NOG, SYM1, SYNS1, SYNS1A

描述:NOG, also known as noggin, is a secreted protein involved at multiple stages of vertebrate embryonic development including neural induction and is known to exert its effects by inhibiting the bone morphogenetic protein(BMP)-signaling pathway. It binds several BMPs with very high affinities, with a marked preference for BMP2 and BMP4 over BMP7. It plays a key role in neural induction by inhibiting BMP4, along with other TGF-beta signaling inhibitors such as chordin and follistatin. Recombinant human NOG, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:23.8kDa (211aa); 28-40kDa (SDS-PAGE under reducing conditions)

序列:

QHYLHIRPAPSDNLPLVDLIEHPDPIFDPKKDLNETLLRSLLGGHYDPGFMATSPPEDRPGGGGGAAGGAEDLAELDQLL
RQRPSGAMPSEIKGLEFSEGLAQGKKQRLSKKLRRLQMWLWSQTFPCVLYAWNDLGSRFWPRYVKVGSFCFSKRSCSVPE
GMVCKPSKSVHLTVLRWRCQRRGGQRCGWIPYIPIIIECKCSCHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Absorbance at 280nm)

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.