

## Noggin/NOG/SYM1/SYNS1, Human, Recombinant

货号: PCK365

## 产品信息

别名 NOG, Noggin, SYM1, symphalangism 1 (proximal), synostoses (multiple)

syndrome 1, SYNS1, SYNS1A

物种 Human

表达宿主 E.coli

序列信息 MOHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKDLNETLLRSLLGGHYDPGF

> MATSPPEDRPGGGGGAAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEGL AQGKKQRLSKKLRRKLQMWLWSQTFCPVLYAWNDLGSRFWPRYVKVGS CFSKRSCSVPEGMVCKPSKSVHLTVLRWRCQRRGGQRCGWIPIQYPIISECK

CSC with polyhistidine tag at the C-terminus.

检索号 Q13253.1

分子量 24 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to inhibit BMP-4-induced alkaline phosphatase production by

> ATDC5 cells. The ED50 for this effect is <0.05 µg/mL in the presence of 50 ng/mL 赛® | Pricella

of recombinant human BMP-4.

# 产品特性

纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

> store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1%BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

7.4.

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#### 复融

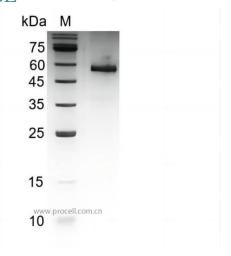
It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu$ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## 背景介绍

Noggin is a bioactive protein intended for use in cell culture applications. Noggin protein which binds to ligands of the TGF- $\beta$  family and regulates their activity by inhibiting their access to signaling receptors. Noggin was originally identified as a BMP-4 antagonist whose action is critical for proper formation of the head and other dorsal structures.

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### **SDS-PAGE**



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