

Noggin/NOG/SYM1/SYNS1, Human, Recombinant

Cat. No. : GPCK365

产品信息

物种	Human
表达宿主	E.coli
序列信息	MQHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEKDLNETLLRSLLGGHYDPGFMATSPPEDRPG GGGGAAGGAEDLAELDQLLRQPSGAMPSEIKGLEFSEGLAQGKKQRLSKLRRKLQMWLW SQTFCPVLYAWNDLGSRFWPRYVKVGSCFSKRSCSVPEGMVCKPSKSVHLTVLRWRCQRRG GQRCGWIPYIPISECKCSC with polyhistidine tag at the C-terminus.
检索号	Q13253.1
标签	His-tag at the C-terminus
分子量	24 kDa
有效期	12 months
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 of recombinant human BMP-4.

产品特性

内毒素 (EU/µg)	< 0.1
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 1 × PBS, pH 7.4.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/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-β 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.

