

Noggin Protein, Mouse (HEK293, His)

Cat. No.:	HY-P70785
Synonyms:	Noggin; Nog
Species:	Mouse
Source:	HEK293
Accession:	P97466 (Q28-C232)
Gene ID:	18121
Molecular Weight:	Approximately 30.0 kDa

PROPERTIES

AA Sequence	<p>Q H Y L H I R P A P S D N L P L V D L I E H P D P I F D P K E K D L N E T L L R</p> <p>S L L G G H Y D P G F M A T S P P E D R P G G G G G P A G G A E D L A E L D Q L</p> <p>L R Q R P S G A M P S E I K G L E F S E G L A Q G K K Q R L S K K L R R K L Q M</p> <p>W L W S Q T F C P V L Y A W N D L G S R F W P R Y V K V G S C F S K R S C S V P</p> <p>E G M V C K P S K S V H L T V L R W R C Q R R G G Q R C G W I P I Q Y P I I S E</p> <p>C K C S C</p>
Biological Activity	Measured by its ability to inhibit BMP-4-induced alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED ₅₀ for this effect is ≤0.1785 µg/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 5 mM EDTA, 5% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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