





# Recombinant Human Noggin (NOG) (Active)

Product Code         CSB-MP015917HU-WD           Abbreviation         Recombinant Human Noggin protein (Active)           Storage         The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.           Uniprot No.         Q13253           Form         Lyophilized           Storage Buffer         Lyophilized from a 0.2 μm filtered solution containingPBS, 5% mannitoland 0.01% Tween 80, pH 7.4           Product Type         Recombinant Protein           Immunogen Species         Homo sapiens (Human)           Biological Activity         Determined by its ability to inhibit 5.0 ng/ml of BMP-4 induced alkaline phosphatase production by ATDC-5 chondrogenic cells. The expected ED50 for this effect is 2.0-3.0 ng/ml of Noggin.           Purity         Greater than 95% as determined by SDS-PAGE.           Sequence         QHYLHIRPAPSDNLPLVDLIEHPDPIFDPKEMDLNETLLRSLLGGHYDPGFMAT SPPEDRPGGGGAAGGAEDLAELDQLLRQRPSGAMPSEIKGLEFSEGLAQG KKORLSKKLRRKLQMWLWSGTFCPVLYAWNDLGSRFWPRYVKVGSCFSKRS CSVPEGMVCKPSKSVHLTVLRWRCQRRGGQRCGWIPIQYPIISECKCSC           Source         Mammalian cell           Target Names         Noggin           Expression Region         28-232aa           Notes         Repeated freezing and thawing is not recommended. Store workin		
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	Mol. Weight	23.0 kDa
Image	Protein Length	Full Length of Mature Protein
	Image	



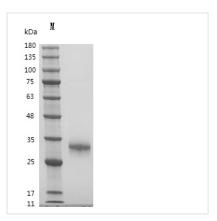
## **CUSABIO TECHNOLOGY LLC**

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## **Endotoxin**

## ≤10 EU/mg by the LAL method

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

#### Shelf Life

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