

## Recombinant Human Noggin Protein, His Tag

### 产品信息

产品名称	产品编号	规格
Recombinant Human Noggin Protein, His Tag	92528ES10	10 µg
	92528ES60	100 µg
	92528ES80	1 mg

### 产品简介

Noggin is a bone morphogenetic protein (BMP) antagonist expressed in Spemann's organizer. It inhibits TGF- $\beta$  family ligands and preventing them from binding to their corresponding receptors.

### 性能参数

<b>Synonyms</b>	NOG, SYM1, symphalangism 1 (proximal), synostoses (multiple) syndrome 1, SYNS1
<b>Uniprot No.</b>	Q13253
<b>Source</b>	HEK293 cells -derived human Noggin protein, Gln28-Cys232, with a His tag at the C-terminal
<b>Molecular Weight</b>	The protein migrates as 30 KDa under reducing (R) condition (SDS-PAGE) .
<b>Activity</b>	Measured by its ability to bind BMP2 with Elisa method . Optimal concentrations should be determined by each laboratory for each application
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Endotoxin</b>	<1.0 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Reconstitution</b>	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH <sub>2</sub> O or PBS up to 100 µg/ml.

### 储存条件

The product should be stored at -85~-65°C for 1 year from date of receipt.

### 注意事项

- 1.Please operate with lab coats and disposable gloves,for your safety.
- 2.This product is for research use only.

### 产品数据

SDS-PAGE

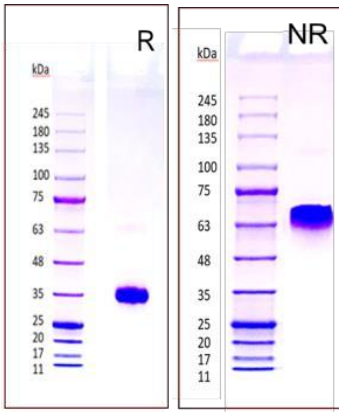


Figure 1. Human noggin on SDS-PAGE under reduced condition. The purity is greater than 95%.

Activity assay

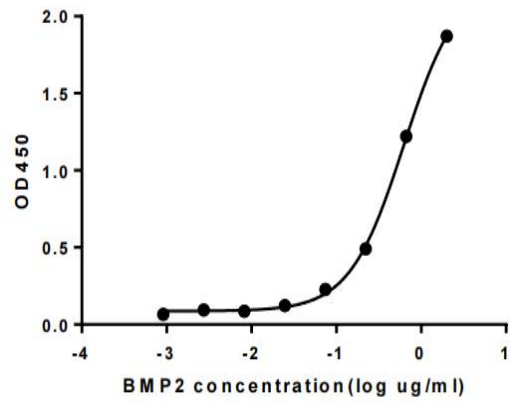


Figure 2. Recombinant Human Noggin binding with human BMP2 protein with ELISA test.