10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Human CellExp Noggin, Human recombinant protein
Human Cellexp Human Recombinant Noggin
Catalog # PBV10706r

Specification

Human CellExp Noggin, Human recombinant protein - Product info

Primary Accession	Q13253
Calculated MW	**65 kDa, homodimer, glycosylated KDa**

Human CellExp Noggin, Human recombinant protein - Additional Info

Gene ID	**9241**
Gene Symbol	**NOG**

Other Names
SYM1, SYNS1, NOG.

Gene Source	**Human**
Source	**Human 293 cell expressed**
Assay&Purity	**SDS-PAGE; > 95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**20 to 100 ng/ml**

Application Notes
Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

Format
Lyophilized

Storage
-80°C; Lyophilized in PBS.

Human CellExp Noggin, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp Noggin, Human recombinant protein - Images

Human CellExp Noggin, Human recombinant protein - Background

Noggin belongs to a group of diffusible proteins which bind to ligands of the TGF-β family and

regulate 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. Consequently, Noggin has been shown to modulate the activities of other BMPs including BMP-2,-7,-13, and -14. Targeted deletion of Noggin in mice results in prenatal death and recessive phenotype displaying a severely malformed skeletal system. Conversely, transgenic mice over-expressing Noggin in mature osteoblasts display impaired osteoblastic differentiation, reduced bone formation, and severe osteoporosis.

Human CellExp Noggin, Human recombinant protein - References

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Gong Y.,et al.Nat. Genet. 21:302-304(1999).
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