

Recombinant human Noelin/OLFM1 protein

Catalog Number: ATGP2134

PRODUCT INFORMATION

Expression system

E.coli

Domain

34-135aa

UniProt No.

Q99784

NCBI Accession No.

NP_006325

Alternative Names

Pancortin, Olfactomedin 1, OlfA, NOELIN1, Noelin isoform 2, NOEL1, NOE1, Neuronal olfactomedin-related ER localized protein, AMY

PRODUCT SPECIFICATION

Molecular Weight

14.3 kDa (125aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 50% glycerol, 5mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

OLFM1, also known as noelin, shares extensive sequence similarity with the rat neuronal olfactomedin-related ER localized protein. It seems to play an important role in regulating the production of neural crest cells by the neural tube. Recombinant human OLFM1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

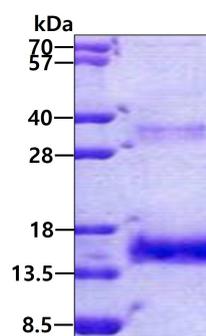
<MGSSHHHHHH SSGLVPRGSH MGS>LPTNP EE SWQVYSSAQD SEGRCICTVV APQQTMC SRD ARTKQLRQLL
EKVQNMSQSI EVLDRRTQRD LQYVEKMENQ MKGLESKFKQ VEESHKQHLA RQFKG

General References

Yokoyama M, Nishi Y, Yoshii J, Okubo K, Matsubara K (May 1997). DNA Res 3 (5): 311-20

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.