NKMAXBIO We support you, we believe in your research

Recombinant mouse Meteorin protein

Catalog Number: ATGP3195

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

22-291aa

UniProt No.

Q8C1Q4

NCBI Accession No.

NP 598480.1

Alternative Names

Metrn, 1810034B16Rik, Hyrac

PRODUCT SPECIFICATION

Molecular Weight

30.2 kDa (276aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

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

METRN, also known as meteorin, involved in both glial cell differentiation and axonal network formation during neurogenesis. It promotes astrocyte differentiation and transforms cerebellar astrocytes into radial glia. Also, this protein induces axonal extension in small and intermediate neurons of sensory ganglia by activating nearby satellite glia. Recombinant mouse METRN, fused to His-tag at C-terminus, was expressed in insect cell and



NKMAXBio We support you, we believe in your research

Recombinant mouse Meteorin protein

Catalog Number: ATGP3195

purified by using conventional chromatography techniques.

Amino acid Sequence

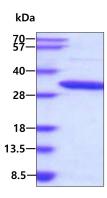
GYSEDRCSWR GSGLTQEPGS VGQLTLDCTE GAIEWLYPAG ALRLTLGGPD PGTRPSIVCL RPERPFAGAQ VFAERMTGNL ELLLAEGPDL AGGRCMRWGP RERRALFLQA TPHRDISRRV AAFRFELHED QRAEMSPQAQ GLGVDGACRP CSDAELLLAA CTSDFVIHGT IHGVAHDTEL QESVITVVVA RVIRQTLPLF KEGSSEGQGR ASIRTLLRCG VRPGPGSFLF MGWSRFGEAW LGCAPRFQEF SRVYSAALTT HLNPCEMALD < HHHHHHH>

General References

Wang Z et al., (2012) J. Cereb. Blood Flow Metab. 32(2):387-398. Lee HS et al., (2010) J. Cell. Sci. 123(PT11):1959-1968.

DATA

SDS-PAGE



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

