

[Go to Product page](#)

Datasheet for ABIN6387653

METR N Protein (AA 22-291) (His tag)

Overview

Quantity:	100 µg
Target:	METR N
Protein Characteristics:	AA 22-291
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This METRN protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	GYSEDRCSWR GSGLTQEPGS VGQLTLDCTE GAIEWLYPAG ALRLTLGGPD PGTRPSIVCL RPERPFAGA Q VFAERMTGNL ELLLAEGPDL AGGRCMRWGP RERRALFLQA TPHRDISRRV AAFRFELHED QRAEMSPQA Q GLGVDGACRP CSDAELL LAA CTSDFVIHGT IHGVAHDTCL QESVITVVVA RVIRQTLPLF KEGSSEGQGR ASIRTL LRCG VRPGPGSFLF MGWSRFGEAW LGCAPRFQEF SRVYSAALTT HLNPCEMALD HHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	METR N
Alternative Name:	Meteorin (METRN Products)

Target Details

Background: 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 purified by using conventional chromatography techniques.

Molecular Weight: 30.2kDa (276aa) confirmed by MALDI-TOF 28-40KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_598480](#)

UniProt: [Q8C1Q4](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.