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Datasheet for ABIN7092866

TENM4 Protein (His tag)

Overview

Quantity:	100 µg
Target:	TENM4
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TENM4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse TENM4 protein with N-terminal 6xHis tag
Specificity:	6xHis tag Mouse TENM4 (Gly367-Arg2771)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TENM4
Alternative Name:	TENM4 (TENM4 Products)
Background:	Synonymes: Doc4, ELM2, I(7)-3Rn, I7Rn3, mKIAA1302, Odz4, R75022, Ten-m4 Description: Involved in neural development, regulating the establishment of proper connectivity within the nervous system. Plays a role in the establishment of the anterior-posterior axis

Target Details

during gastrulation. Regulates the differentiation and cellular process formation of oligodendrocytes and myelination of small-diameter axons in the central nervous system (CNS). Promotes activation of focal adhesion kinase. May function as a cellular signal transducer.[UniProtKB/Swiss-Prot Function]

Molecular Weight: predicted molecular mass of 269.0 kDa after removal of the signal peptide.

UniProt: [Q3UHK6](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months