PRODUCT INFORMATION

Target	TENM4
Synonyms	Doc4;ELM2;l(7)-3Rn;l7Rn3;mKIAA1302;Odz4;R75022;Ten-m4
Description	Recombinant mouse TENM4 protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q3UHK6
Expression Host	HEK293
Tag	N-6×His Tag
Molecular Characterization	6×His tag Mouse TENM4(Gly367-Arg2771)
Molecular Weight	The protein has a predicted molecular mass of 269.0 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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 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]
Usage	Research use only
Conjugate	Unconjugated

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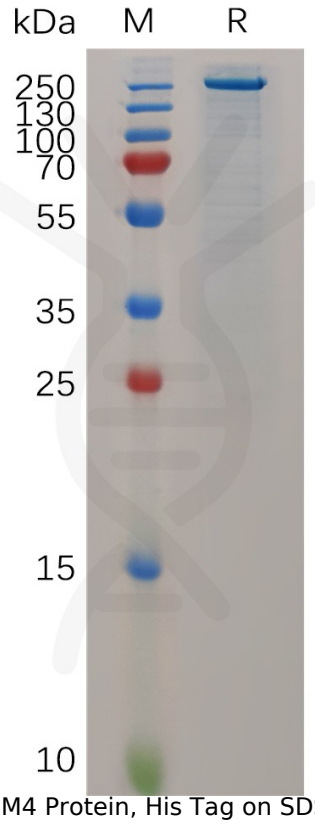


Figure 1. Mouse TENM4 Protein, His Tag on SDS-PAGE under reducing condition.

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