

MOUSE TENM4 PROTEIN, HIS TAG

Cat.#: 12145

Product Name: Mouse TENM4 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Doc4;ELM2;l(7)-3Rn;l7Rn3;mKIAA1302;Odz4;R75022;Ten-m4

Target: TENM4

UNIPROT ID: Q3UHK6

Description: Recombinant mouse TENM4 protein with N-terminal 6xHis tag

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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 269.0 kDa after removal of the signal peptide.

Molecular Characterization: 6xHis tag Mouse TENM4(Gly367-Arg2771)

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

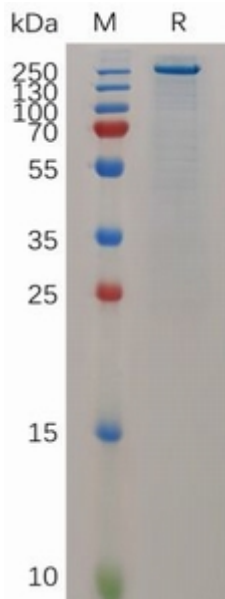


Figure 1. Mouse TENM4 Protein, His Tag on SDS-PAGE under reducing condition.