

TENM4 recombinant protein

Mouse TENM4 Protein, His Tag

CATALOG #
AAA47564

HOST
HEK293

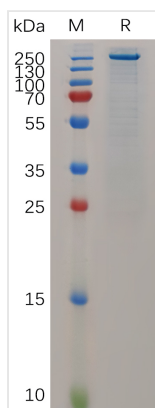
PRODUCT SYNONYMS

TENM4; Mouse TENM4 Protein; His Tag; Doc4; ELM2; I(7)-3Rn; I7Rn3; mKIAA1302; Odz4; R75022; Ten-m4; TENM4 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293
Purity/Purification	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization
Concentration	1.86 mg/mL (varies by lot)
Tag	N-6xHis tag
Molecular Characterization	6xHis tag Mouse TENM4(Gly367-Arg2771)
Conjugate	Unconjugated
Reconstitution	1. Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5 min at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube 2. Dissolved lyophilized antibody sample in sterile and low endotoxin water based on the recommended volume 53.76 ul 3. After adding sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Note: Do not vortex or vigorously pipette sample
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. For long term storage, glycerol can be added to a final concentration of 50% and stored at -20°C

IMAGES



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for TENM4 recombinant protein	Recombinant mouse TENM4 protein with N-terminal 6×His tag 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.
Product Categories/Family for TENM4 recombinant protein	Bioactive Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	124248484
NCBI GeneID	23966
NCBI Accession #	NP_035988.2
NCBI GenBank Nucleotide #	NM_011858.3
UniProt Accession #	Q3UHK6; O70465; Q3TSI0; Q3UH52; Q80TF5; Q9WTS7
NCBI Official Full Name	teneurin-4
NCBI Official Synonym Full Names	teneurin transmembrane protein 4
NCBI Official Symbol	Tenm4
NCBI Official Synonym Symbols	Doc4; ELM2; Odz4; l7Rn3; R75022; Ten-m4; l(7)-3Rn; mKIAA1302
NCBI Protein Information	teneurin-4; ten-4; tenascin-M4; downstream of CHOP4; odd Oz/ten-m homolog 4; protein Odd Oz/ten-m homolog 4
UniProt Protein Name	Teneurin-4
UniProt Gene Name	Tenm4
UniProt Synonym Gene Names	Doc4; Kiaa1302; Odz4; Tnm4; Ten-4; Ten-m4
UniProt Entry Name	TEN4_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tenm4-recombinant-protein-hek293/47564>