Human TENM2 Protein, Ultra Low Endotoxin

Cat. No. TEN-HM1M2-UL

Description

Source	Recombinant Human TENM2 Protein is expressed from HEK293 with His tag at the N-terminus.
	It contains Gly401-Asn841.
Accession	Q9NT68-1
Molecular Weight	The protein has a predicted MW of 48.48 kDa. The protein cleaved to 55-65 kDa, 38-43 kDa and 25-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE

Formulation and Storage

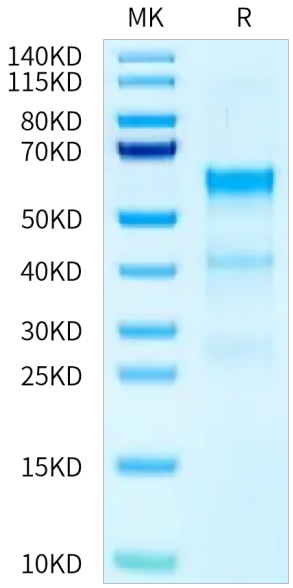
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, 2 mM DTT (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Teneurin-2 is a member of a novel family of transmembrane proteins characterized to date in fish, birds, mammals, and Drosophila (e.g., the pair-rule gene product Ten-m). Teneurin-2, a vertebrate homologue of the Drosophila pair-rule gene ten-m/odz, is revealed to be a membrane-bound transcription regulator. In the nucleus, the intracellular domain of teneurin-2 colocalizes with promyelocytic leukemia (PML) protein in nuclear bodies implicated in transcription control.

Assay Data

Bis-Tris PAGE



Human TENM2 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.