

Rev03  
 Update: Aug,08,2025

**DATASHEET**

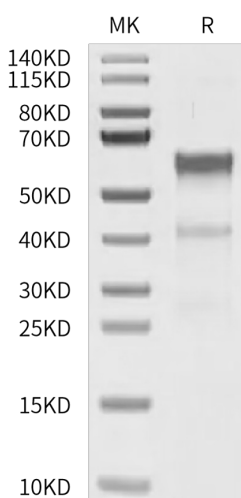
# TENM2, His, Human

Cat. No.: Z05867

## Product Introduction

<b>Species</b>	Human
<b>Protein Construction</b>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #4a7ebb; color: white; padding: 5px; margin-right: 5px;">His</div> <div style="background-color: #0070c0; color: white; padding: 5px; margin-right: 5px;">TENM2 (Gly401-Asn841)_x000D_</div> <div style="background-color: #0070c0; color: white; padding: 5px;">Accession # Q9NT68-1</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>N-term</span> <span>C-term</span> </div>
<b>Purity</b>	> 90% as determined by Bis-Tris PAGE
<b>Endotoxin Level</b>	Less than 1 EU per µg by the LAL method.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	48.48 kDa
<b>Apparent Molecular Weight</b>	The protein cleaved to 55-65 kDa, 38-43 kDa and 25-30 kDa based on Bis-Tris PAGE result.
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in PBS, 2 mM DTT (pH 7.4).
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

## Examples



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

## Background

**Target 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.

**Synonyms :** Teneurin-2; Ten-2; Tenascin-M2; Ten-m2; KIAA1127; ODZ2; TNM2

**For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.**

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China