

HUMAN TEM1 PROTEIN, HIS TAG

Cat.#: 11513

Product Name: Human TEM1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Endosialin;CD248;CD164L1

Target: TEM1

UNIPROT ID: Q9HCU0

Description: Recombinant human TEM1 protein with C-terminal 6xHis tag

Background: May play a role in tumor angiogenesis.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 72.1 kDa after removal of the signal peptide. The apparent molecular mass of TEM1 - His is approximately 130-250 kDa due to glycosylation.

Molecular Characterization: TEM1(Gln18-Arg685) 6xHis tag

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. Human TEM1 Protein, His Tag on SDS-PAGE under reducing condition.