

HUMAN ADAM28 PROTEIN, HIS TAG

目录: 11511

产品名称: Human ADAM28 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: eMDC II;MDC-L

Target: ADAM28

UNIPROT ID: Q9UKQ2

描述: Recombinant human ADAM28 protein with C-terminal 6xHis tag

背景: This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene is a lymphocyte-expressed ADAM protein. This gene is present in a gene cluster with other members of the ADAM family on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 73.7 kDa after removal of the signal peptide. The apparent molecular mass of ADAM28-His is approximately 55–70 kDa and 70–100 kDa due to glycosylation.

Molecular Characterization: ADAM28(Ile19–His664) 6×His tag

纯化: 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.

储存和运输: 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 ADAM28 Protein, His Tag on SDS-PAGE under reducing condition.