

HUMAN CDCP1 PROTEIN, HIS TAG

Cat.#: 11399

Product Name: Human CDCP1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CD318;SIMA135;TRASK

Target: CDCP1

UNIPROT ID: Q9H5V8

Description: Recombinant human CDCP1 protein with C-terminal 6xHis tag

Background: This gene encodes a transmembrane protein which contains three extracellular CUB domains and acts as a substrate for Src family kinases. The protein plays a role in the tyrosine phosphorylation-dependent regulation of cellular events that are involved in tumor invasion and metastasis. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 72.7 kDa after removal of the signal peptide. The apparent molecular mass of CDCP1-His is approximately 100–130 kDa due to glycosylation.

Molecular Characterization: CDCP1(Phe30–Thr667) 6×His tag

Purity: The purity of the protein is greater than 95% 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.

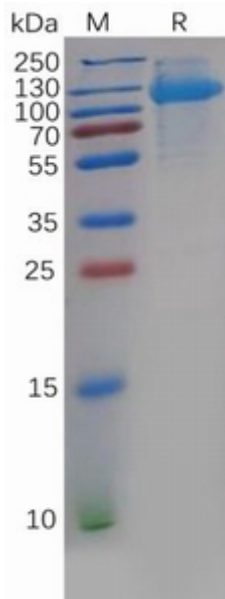


Figure 1. Human CDCP1 Protein, His Tag on SDS-PAGE under reducing condition.