

HUMAN MCEMP1 PROTEIN, HFC TAG

Cat.#: 11572

Product Name: Human MCEMP1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Mast cell-expressed membrane protein 1

Target: MCEMP1

UNIPROT ID: Q8IX19

Description: Recombinant human MCEMP1 protein with N-terminal human Fc tag

Background: This gene encodes a single-pass transmembrane protein. Based on its expression pattern, it is speculated to be involved in regulating mast cell differentiation or immune responses. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 35.5 kDa after removal of the signal peptide. The apparent molecular mass of hFc-MCEMP1 is approximately 35–55 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99–Ala330) MCEMP1(Lys107–Gln187)

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.

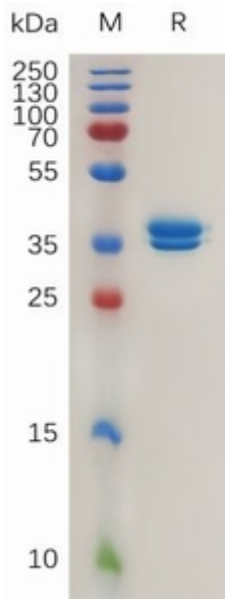


Figure 1. Human MCEMPI Protein, hFc Tag on SDS-PAGE under reducing condition.