

HUMAN EMCN PROTEIN, HFC TAG**Cat.#:** 11537**Product Name:** Human EMCN Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** Endomucin;MUC-14**Target:** EMCN**UNIPROT ID:** Q9ULC0**Description:** Recombinant human EMCN protein with C-terminal human Fc tag**Background:** EMCN is a mucin-like sialoglycoprotein that interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix (Kinoshita et al., 2001 [PubMed 11418125]).[supplied by OMIM, Mar 2008]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 43.9 kDa after removal of the signal peptide. The apparent molecular mass of EMCN-hFc is approximately 55-100 kDa due to glycosylation.**Molecular Characterization:** EMCN(Asn19-Ser190) hFc(Glu99-Ala330)**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.

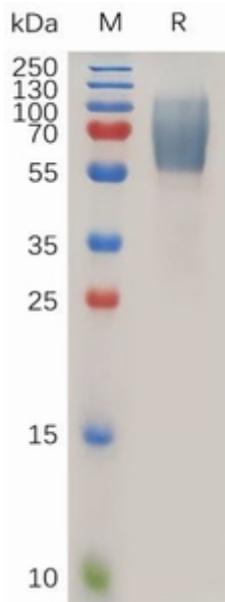


Figure 1. Human EMCN Protein, hFc Tag on SDS-PAGE under reducing condition.