

**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.

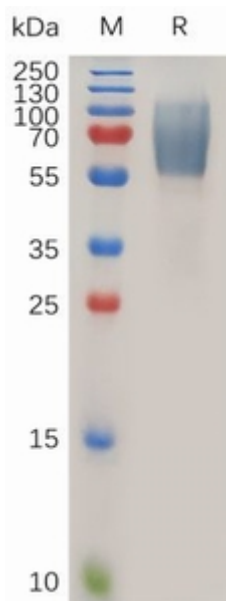


Figure 1. Human EMCN Protein, hFc Tag on SDS-PAGE under reducing condition.