HUMAN MFAP5 PROTEIN, HFC TAG

Cat.#: 11582

Product Name: Human MFAP5 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: MFAP-5;MP25;MAGP-2;MAGP2

Target: MFAP5

UNIPROT ID: Q13361

Description: Recombinant human MFAP5 protein with C-terminal human Fc tag

Background: This gene encodes a 25-kD microfibril-associated glycoprotein which is a component of microfibrils of the extracellular matrix. The encoded protein promotes attachment of cells to microfibrils via alpha-V-beta-3 integrin. Deficiency of this gene in mice results in neutropenia. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 43.4 kDa after removal of the signal peptide. The apparent molecular mass of MFAP5-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: MFAP5(Ile22-Leu173) 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.

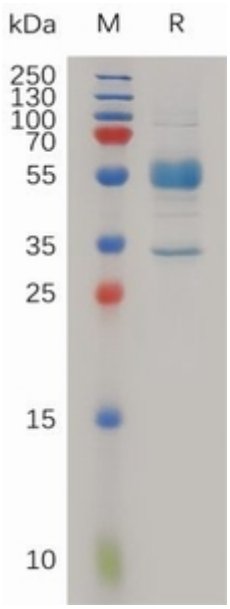

Figure 1. Human MFAP5 Protein, hFc Tag on SDS-PAGE under reducing condition.