

HUMAN MFAP4 PROTEIN**Cat.#:** 12266**Product Name:** Human MFAP4 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** MFAP4**Target:** MFAP4**UNIPROT ID:** P55083**Description:** Recombinant human MFAP4 Protein with C-terminal 6xHis tag**Background:** This gene encodes a protein with similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and carbohydrate. It is thought to be an extracellular matrix protein which is involved in cell adhesion or intercellular interactions. The gene is located within the Smith-Magenis syndrome region. Two transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, Nov 2010]

Species/Host: HEK293**Molecular Weight:** The protein has a predicted molecular mass of 27.3 kDa after removal of the signal peptide. The apparent molecular mass of MFAP4-His is approximately 35–55 kDa due to glycosylation.**Molecular Characterization:** MFAP4(Val22-Ala255) 6×His tag**Purity:** The purity of the protein is greater than 85% 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.

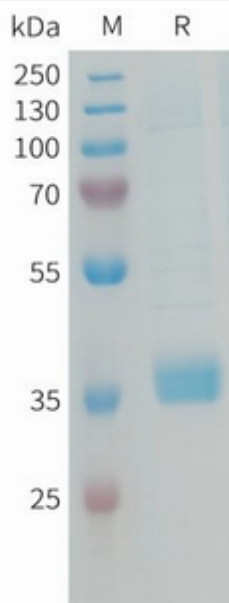


Figure 1. Human MFAP4 Protein, His Tag on SDS-PAGE under reducing condition.