PRODUCT INFORMATION

Target	MFAP5
Synonyms	MFAP-5;MP25;MAGP-2;MAGP2
Description	Recombinant human MFAP5 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q13361
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	MFAP5(Ile22-Leu173) hFc(Glu99-Ala330)
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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]
Usage	Research use only
Conjugate	Unconjugated

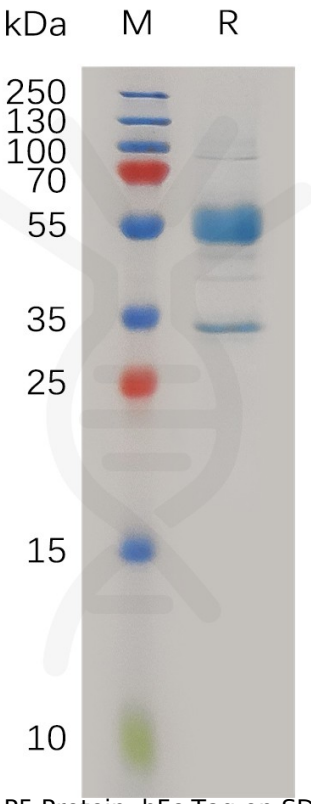

Figure 1. Human MFAP5 Protein, hFc Tag on SDS-PAGE under reducing condition.