PRODUCT INFORMATION

Target	MFGE8
Synonyms	MFGM;SED1;MP47,MFG-E8
Description	Recombinant mouse MFGE8 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P21956
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Mouse MFGE8(Ala23-Cys463) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 49.8 kDa after removal of the signal peptide.The apparent molecular mass of mMFGE8-His is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% 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.
Background	Contributes to phagocytic removal of apoptotic cells in many tissues. Specific ligand for the alpha-v/beta-3 and alpha-v/beta-5 receptors. Also binds to phosphatidylserine-enriched cell surfaces in a receptor-independent manner. Zona pellucida-binding protein which may play a role in gamete interaction (By similarity). Plays an important role in the maintenance of intestinal epithelial homeostasis and the promotion of mucosal healing. Promotes VEGF-dependent neovascularization.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

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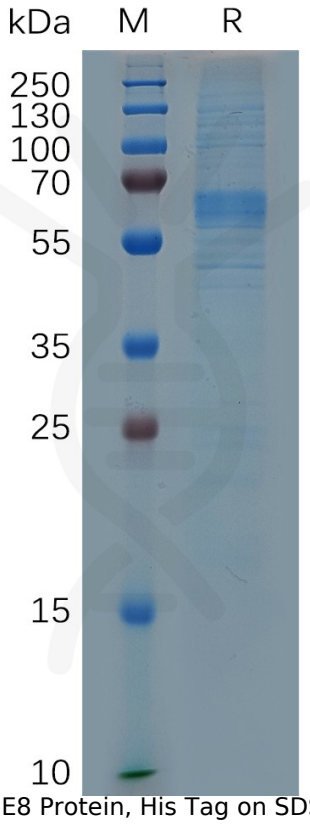


Figure 1. Mouse MFGE8 Protein, His Tag on SDS-PAGE under reducing condition.

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