

PRODUCT INFORMATION

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| 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 |



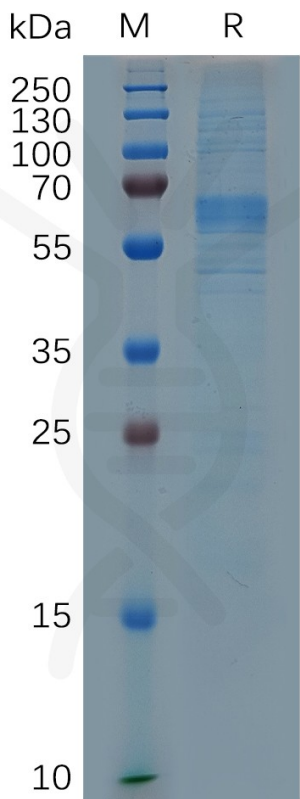


Figure 1. Mouse MFG8 Protein, His Tag on SDS-PAGE under reducing condition.

