

# Recombinant Full Length Human MFGE8 protein, His-tagged

**Cat. No.** MFGE8-587H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human MFGE8 protein(Q08431-1)(Met 1-Cys 387) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                               |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-387 aa                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.                                                                                                                                                    |
| <b>Molecular Mass</b>   | The secreted recombinant human MFGE8 comprises 374 amino acids and has a predicted molecular mass of 42 kDa. The apparent molecular mass of rh MFGE8 is approximately 45 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                     |
| <b>Purity</b>           | > 88 % as determined by SDS-PAGE                                                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                       |

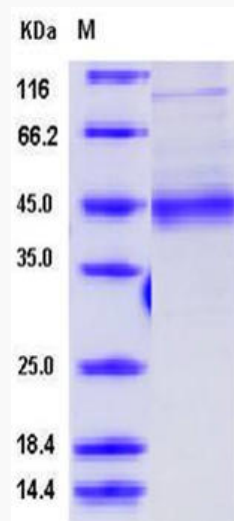
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|                               |                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>protein Refseq-Weblink</b> | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_001108086.1">http://www.ncbi.nlm.nih.gov/protein/NP_001108086.1</a>                                                                                                                                                                                                   |
| <b>Unit ID</b>                | Q08431                                                                                                                                                                                                                                                                                                                |
| <b>Unit ID-Weblink</b>        | <a href="http://www.uniprot.org/uniprot/Q08431">http://www.uniprot.org/uniprot/Q08431</a>                                                                                                                                                                                                                             |
| <b>GENE INFORMATION</b>       |                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>              | MFGE8 milk fat globule-EGF factor 8 protein [ Homo sapiens ]                                                                                                                                                                                                                                                          |
| <b>Official Symbol</b>        | MFGE8                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>               | MFGE8; milk fat globule-EGF factor 8 protein; SPAG10, sperm associated antigen 10; lactadherin; BA46; EDIL1; hP47; HsT19888; MFG E8; OAcGD3S; SED1; sperm surface protein hP47; medin; sperm associated antigen 10; breast epithelial antigen BA46; O-acetyl disialoganglioside synthase; HMFG; MFGM; MFG-E8; SPAG10; |
| <b>Gene ID</b>                | 4240                                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>            | <a href="#">NM_001114614</a>                                                                                                                                                                                                                                                                                          |
| <b>protein Refseq</b>         | NP_001108086                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>                    | 602281                                                                                                                                                                                                                                                                                                                |

SDS-PAGE



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