Active Recombinant Human MFGE8 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MFGE8 protein(Leu24-Cys387), fused with C-terminal His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	24-387 aa
Form	Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Bio-activity	When 5 x 10E4 cells/well are added to Recombinant Human MFG-E8 coated plates (12.5 μg/mL, 100 μL/well), 45-85% cells will adhere after 1 hour at 37°C.
Molecular Mass	42 kDa
Endotoxin	< 1 EU/μg of the protein by LAL method.
Purity	≥ 85 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

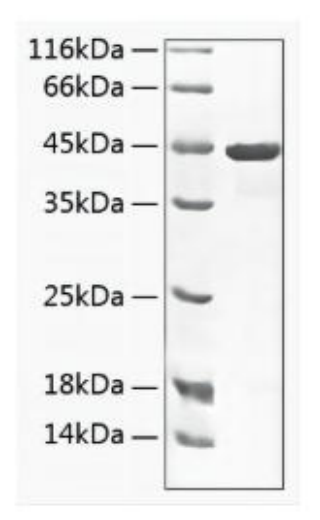
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Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	MFGE8 milk fat globule-EGF factor 8 protein [Homo sapiens]
Official Symbol	MFGE8
Synonyms	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;
Gene ID	4240
mRNA Refseq	NM_001114614
Protein Refseq	NP_001108086
MIM	602281
UniProt ID	Q08431

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SDS-PAGE	

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