

Recombinant Full Length Human MFGE8 Protein, GST-tagged

Cat. No. MFGE8-6195HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MFGE8 full-length ORF (NP_005919.1, 1 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	387 amino acids
Description	This gene encodes a preproprotein that is proteolytically processed to form multiple protein products. The major encoded protein product, lactadherin, is a membrane glycoprotein that promotes phagocytosis of apoptotic cells. This protein has also been implicated in wound healing, autoimmune disease, and cancer. Lactadherin can be further processed to form a smaller cleavage product, medin, which comprises the major protein component of aortic medial amyloid (AMA). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]
Molecular Mass	69.5 kDa
AA Sequence	MPRPRLAALCGALLCAPSLLVALDICKSNPCHNGGLCEEISQEVRGDVFPSTCTC LKG YAGNH CETK CVEPLGMENGN IANSQIAASSVRVTF LGLQHWVPELARLNRAGM VNAWTPSSND DNPWIQV NLLRRMWVTGVVTQGASRLASHEYLKAFKVAYSLNGHE FDFIHDVNKKHKEFVG NWNKNAVHVNL FETPVEAQYVRLYPTSCHTACTLRFELLG CELNGCANPLGLKNNSIPDKQITASSSYKTWGLHLFSWNPSYARLDKQGNFNAWVA GSYGNDQWLQVDLGSSKEVTGIITQGARNFGSVQFVASYKVAYSND SANWTEYQD

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	PRTGSSKIFPGNWDNHSKKNLFETPILARYVRILPVAWHNRIALRLELLGC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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UniProt ID

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