

Recombinant Full Length Human EMR3 Protein

Cat. No. EMR3-4273HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EMR3 full-length ORF (Q9BY15) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	333 amino acids
Description	This gene encodes a member of the class B seven-span transmembrane (TM7) receptor family expressed predominantly by cells of the immune system. Family members are characterized by an extended extracellular region with a variable number of N-terminal epidermal growth factor (EGF)-like domains coupled to a TM7 domain via a mucin-like spacer domain. This gene is closely linked to the gene encoding egf-like molecule containing mucin-like hormone receptor 2 on chromosome 19. This protein may play a role in myeloid-myeloid interactions during immune and inflammatory responses. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2014]
Form	Liquid
Molecular Mass	72.6 kDa
AA Sequence	MQGPLLLPGLCFLLSLFGAVTQKTKTSCAKCPPNASCVNNTHTCNHGYTSGSGQK LFTFPLETCNDINECTPPYSVYCGFNAVCYNVEGSFYCQCVPGYRLHSGNEQFSNS NENTCQDQTSSKTTEGRKELQKIVDKFESLLTNQTLWRTEGRQEISSTATILRDVES

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KVLETALKDPEQKVLKIQNDSVAIETQAITDNCSEERKTFNLNVQMNSMDIRCSДИИQ
GDTQGPSAIAFISYSSLGNIINATFFEEMDKKDQVYVLSQVVSAAGPKRNVSLSKSV
TLTFQHVKMTPSTKKVFCVYWKSTGQGSQWSRDGCFLIHVNKSHTMCNCSHLSSF
AVLMALTSQEEDPVLTVITYVGLSVSLLCLLLAALTFLCKAIQNTSTSLHLQLSLCLFL
AHLFLVIGIDRTEPKVLCIIAGALHYLYLAAFTWMLLEGVHLFLTARNLTVVNYSSIN
RLMKWIMFPVGYGVPVAVTVAISAASWPHLYGTADRCWLHLDQGFMSFLGPVCAIF
SANLVLFILVFWILKRKLSSLNSEVSTIQNTRMLAFKATAQLFILGCTWCLGLLQVGPA
AQVMAYLFTIINSLQGFFIFLVYCLLSQQVQKQYQKWFREIVKSKSESETYTLSSKMG
PDSKPSEGDVFPQGQVKRKY

Applications
Antibody Production
Functional Study
Compound Screening

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
25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name
EMR3 egf-like module containing, mucin-like, hormone receptor-like 3 [Homo sapiens]

Official Symbol
EMR3

Synonyms
EMR3; egf-like module containing, mucin-like, hormone receptor-like 3; EGF-like module-containing mucin-like hormone receptor-like 3; EGF-like module receptor 3; egf-like module-containing mucin-like receptor 3;

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Gene ID	84658
mRNA Refseq	NM_032571
Protein Refseq	NP_115960
MIM	606101
UniProt ID	Q9BY15

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