

Recombinant Human EMR3 Protein

Cat. No. EMR3-3293H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EMR3 full-length ORF (Q9BY15) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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	MQGPLLLPGLCFLLSLFGAVTQKTKTSCAKCPPNASCVNNTHTCTCNHGYTSGSGQK LFTFPLETCNDINECTPPYSVYCGFNAVCYNVEGSFYCQCVPGYRLHSGNEQFSNS NENTCQDDTSSKTTEGRKELQKIVDKFESLLTNQTLWRTEGRQEISSTATTILRDVES KVLETALKDPEQKVLKIQNDSVAIETQAITDNCSEERKTFNLNVQMNSMDIRCSDIQ GDTQGPSAIAFISYSSLGNIINATFFEEMDKKDQVYLNSQVVSAAIGPKRNVSLSKSV

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TLTFQHVKMTPSTKKVFCVYWKSTGQGSQWSRDGCFLIHVNKSHTMCNCSHLSSF
 AVLMAITSQEEDPVLTVITYVGLSVSLCLLLAALTFLCKAIQNTSTSLHLQLSLCLFL
 AHLLFLVGIDRTEPKVLCIIAGALHYLYLAAFTWMLLEGVHLFLTARNLTVVNYSSIN
 RLMKWIMFPVGYGVPVAVTVAISAASWPHLYGTADRCWLHLDQGFMSFLGPVCAIF
 SANLVLFILVFWILKRKLSSLNSEVSTIQNTRMLAFKATAQLFILGCTWCLGLLQVGPA
 AQVMAYLFTIINSLQGFFIFLVYCLLSQQVQKQYQKWFREIVKSKSESETYTLSSKMG
 PDSKPSEGDVFPQGVKRKY

Applications

Antibody Production
 Functional Study
 Compound Screening

Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

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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