

Recombinant Full Length Human EMR1 Protein

Cat. No. EMR1-4271HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EMR1 full-length ORF (AAH59395.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	254 amino acids
Description	This gene encodes a protein that has a domain resembling seven transmembrane G protein-coupled hormone receptors (7TM receptors) at its C-terminus. The N-terminus of the encoded protein has six EGF-like modules, separated from the transmembrane segments by a serine/threonine-rich domain, a feature reminiscent of mucin-like, single-span, integral membrane glycoproteins with adhesive properties. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Form	Liquid
Molecular Mass	90.4 kDa
AA Sequence	MRGFNLLLFWGCCVMHSWEGHIRPTRKPNTKGNNCRDSTLCPAYATCTNTVDSYY CACKQGFLSSNGQNHFKDPGVRCKDIDECSSQSPQPCGPNSSCKNLSGRYKCSCLD GFSSPTGNDWVPGKPGNFSCDINECLTSSVCPEHSDCVNSMGSYSCSCQVGFIS RNSTCEDVDECADPRACPEHATCNNTVGNYSFCNPGFESSSGHLSFQGLKASCE DIDECTEMCPINSTCTNTPGSYFCTCHPGFAPSNGQLNFTDQGVECRDIDECRQDP

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STCGPNSICTNALGSYSCGCIAGFHPNPEGSQKDGNFSCQRVLFKCKEDVIPDNKQI
 QQCQEGTAVKPAYVSFCAQINNIFSVLDKVCENKTTVVSLKNTTESFVPVLKQISTWT
 KFTKEETSSLATVFLESVESMTLASFWKPSANITPAVRTEYLDIESKVINKECSEENV
 LDLVAKGDKMKIGCSTIEESESTETTGVAFVSFVGMESVLNERFFKDHQAPLTTSEIK
 LKMNSRVVGGIMTGEKKDGFSDPIIYTLENIQPKQKFERPICVSWSTDVKGGRWTSF
 GCVILEASETYTICSCNQMANLAIIMASGELTMGCAIAGFLHYLFLACFFWMLVEAVIL
 FLMVRNLKVVNIFSSRNIMLHICAFGYGLPMLVVVISASVQPQGYGMHNRCWLNT
 ETGFIWSFLGPVCTVIVINSLLLTWTLWILRQRLSSVNAEVSTLKDTRLLTFKAFAQLFI
 LGCSWVLGIFQIGPVAGVMAYLFTIINSLQGAFIFLIHCLLNGQVREEYKRWITGKTKP
 SSQSQTSRILLSSMPSASKTG

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

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

EMR1 egf-like module containing, mucin-like, hormone receptor-like 1 [Homo sapiens]

Official Symbol

EMR1

Synonyms

EMR1; egf-like module containing, mucin-like, hormone receptor-like 1; egf like module containing, mucin like, hormone receptor like sequence 1 , TM7LN3; EGF-like module-containing mucin-like hormone receptor-like 1; EMR1 hormone receptor;

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EGF-like module receptor 1; egf-like module containing, mucin-like, hormone receptor-like sequence 1; TM7LN3;

Gene ID	2015
mRNA Refseq	NM_001256252
Protein Refseq	NP_001243181
MIM	600493
UniProt ID	Q14246

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