

# Recombinant Full Length Human EMR1 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Human EMR1 full-length ORF (AAH59395.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	254 amino acids
<b>Description</b>	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]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	90.4 kDa
<b>AA Sequence</b>	MRGFNLLLFWGCCVMHWSWEGHIRPTRKPNTKGNNCRDSTLCPAYATCTNTVDSYY CACKQGFLSSNGQNHFKDPGVRCKDIDECSSQSPQPCGPNSSCKNLSGRYKCSCLD GFSSPTGNDWVPGKPGNFSCDINECLTSSVCPEHSDCVNSMGSYSCSCQVGFIS RNSTCEDVDECADPRACPEHATCNNTVGNYSFCNPGFESSSGHLSFQGLKASCE DIDECTEMCPINSTCTNTPGSYFCTCHPGFAPSNGQLNFTDQGVECRDIDECRQDP

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STCGPNSICTNALGSYSCGCIAGFHPNPEGSQKDGNFSCQRVLFKCKEDVIPDNKQI  
 QQCQEGTAVKPAYVSFCAQINNIFSVLDKVCENKTTVVSLKNTTESFVPVLKQISTWT  
 KFTKEETSSLATVFLESVESMTLASFWKPSANITPAVRTEYLDIESKVINKECSEENV  
 LDLVAKGDKMKIGCSTIEESESTETTGVAFVSFVGMESVLNERFFKDHQAPLTTSEIK  
 LKMNSRVVGGIMTGEKKDGFSDPIIYTLENIQPKQKFERPICVSWSTDVKGGRWTSF  
 GCVILEASETYTICSCNQMANLAIIMASGELTMGCAIAGFLHYLFLACFFWMLVEAVIL  
 FLMVRNLKVVNYFSSRNIMLHICAFGYGLPMLVVVISASVQPQGYGMHNRCWLNT  
 ETGFIWSFLGPVCTVIVINSLLLTWTLWILRQRLSSVNAEVSTLKDTRLLTFKAFAQLFI  
 LGCSWVLGIFQIGPVAGVMAYLFTIINSLQGAFIFLIHCLLNGQVREEYKRWITGKTKP  
 SSQSQTSRILLSSMPSASKTG

<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	EMR1 <a href="#">egf-like module containing, mucin-like, hormone receptor-like 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	EMR1
<b>Synonyms</b>	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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