Recombinant Full Length Human EMR1 Protein, GST-tagged

Cat. No. EMR1-4272HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EMR1 full-length ORF (AAH59395.1, 1 a.a. - 821 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	821 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]
Molecular Mass	116.8 kDa
AA Sequence	MRGFNLLLFWGCCVMHSWEGHIRPTRKPNTKGNNCRDSTLCPAYATCTNTVDSYY CACKQGFLSSNGQNHFKDPGVRCKDIDECSQSPQPCGPNSSCKNLSGRYKCSCLD GFSSPTGNDWVPGKPGNFSCTDINECLTSSVCPEHSDCVNSMGSYSCSCQVGFIS RNSTCEDVDECADPRACPEHATCNNTVGNYSCFCNPGFESSSGHLSFQGLKASCE DIDECTEMCPINSTCTNTPGSYFCTCHPGFAPSNGQLNFTDQGVECRDIDECRQDP STCGPNSICTNALGSYSCGCIAGFHPNPEGSQKDGNFSCQRVLFKCKEDVIPDNKQI

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	QQCQEGTAVKPAYVSFCAQINNIFSVLDKVCENKTTVVSLKNTTESFVPVLKQISTWT KFTKEETSSLATVFLESVESMTLASFWKPSANITPAVRTEYLDIESKVINKECSEENVT LDLVAKGDKMKIGCSTIEESESTETTGVAFVSFVGMESVLNERFFKDHQAPLTTSEIK LKMNSRVVGGIMTGEKKDGFSDPIIYTLENIQPKQKFERPICVSWSTDVKGGRWTSF GCVILEASETYTICSCNQMANLAIIMASGELTMGCAIIAGFLHYLFLACFFWMLVEAVIL FLMVRNLKVVNYFSSRNIKMLHICAFGYGLPMLVVVISASVQPQGYGMHNRCWLNT ETGFIWSFLGPVCTVIVINSLLLTWTLWILRQRLSSVNAEVSTLKDTRLLTFKAFAQLFI LGCSWVLGIFQIGPVAGVMAYLFTIINSLQGAFIFLIHCLLNGQVREEYKRWITGKTKP SSQSQTSRILLSSMPSASKTG
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	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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