

Recombinant Human EMR1 Protein

Cat. No. EMR1-3291H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EMR1 full-length ORF (AAH59395.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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 CACKQGFLSSNGQNHFKDPGVRCKDIDECSQSPQPCGPNSSCKNLSGRYKCSCLD GFSSPTGNDWVPGKPGNFSCDINECLTSSVCPEHSDCVNSMGSYSCSCQVGFIS RNSTCEDVDECADPRACPEHATCNNTVGNYSFCNPGFESSSGHLSFQGLKASCE DIDECTEMCPINSTCTNTPGSYFCTCHPGFAPSNGLNFTDQGVVECRDIDECRQDP STCGPNSICTNALGSYSCGCIAGFHPNPEGSQKDGNFSCQRVLFKCKEDVIPDNKQI QQCQEGTAVKPAYVSFCAQINNIFSVLDKVCENKTTVVSLKNTTESFVPVLKQISTWT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



KFTKEETSSLATVFLESVESMTLASFWKPSANITPAVRTEYLDIESKVINKECSEENVTL
LDLVAKGDKMKIGCSTIEESESTETTGVAFVSFVGMESVLNERFFKDHQAPLTTSEIK
LKMNSRVVGGIMTGEKKDGFSDPIIYTLENIQPKQKFERPICVSWSTDVKGGRWTSF
GCVILEASETYTICSCNQMANLAIIMASGELTMGCAIAGFLHYLFLACFFWMLVEAVIL
FLMVRNLKVVNYFSSRNIKMLHICAFGYGLPMLVVVISASVQPQGYGMHNRCWLNT
ETGFIWSFLGPVCTVIVINSLLLTWTLWILRQRLSSVNAEVSTLKDTRLLTFKAFAQLFI
LGCSWVLGIFQIGPVAGVMAYLFTIINSLQGAFIFLIHCLLNGQVREEYKRWITGKTKP
SSQSQTSRILLSSMPSASKTG

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

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

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module-containing mucin-like hormone receptor-like 1; EMR1 hormone receptor; 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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