

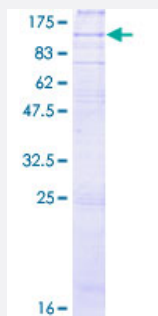
Full-Length

EMR1 (Human) Recombinant Protein (P01)

Catalog # H00002015-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EMR1 full-length ORF (AAH59395.1, 1 a.a. - 821 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRGFNLLLFWGCCVMHSWEGHIRPTRKPNTKGNNCRDSTLCPAYATCTNTVDSYYCACKQGFLS
SNGQNHFKDPGVRCKDIDEC SQSPQPCGPNSSCKNL SGRYKCSCLDGFSSPTGNDWVPKPG
NFSCDINECLTSSVCPEHSDCVNSMGSYSCSCQVGFISRNSTCEDVDECADPRACPEHATCN
NTVGNYSFCFCNPGFESSSGHLSFQGLKASCEDIDECTEMCPINSTCTNTPGSYFCTCHPGFAPS
NGQLNFTDQGV ECRDIDECRQDPSTCGPNSICTNALGSYSCGCIAGFHPNPEGSQKDGNFSCQR
VLFKCKEDVIPDNKQIQQCQEGTAVKPAYVSFCAQINNIFSVLDKVCENKTTVVSLKNTTESFVPV
LKQISTWTKFTKEETSSLATVFLESVESMTLASFWKPSANITPAVRTEYLDIESKVINKECSEENV
LDLVAKGDKMKIGCSTIEESESTETTGVAFVSFVGMESVLNERFFKDHQAPLTTSEIKLKMNSRVV
GGIMTGEKKDGFSDPIYTLENIQPKQKFERPICVSWSTDVKGGRWTSFGCVILEASETYTICSCNQ
MANLAIIMASGELTMGCAIAGFLHYLFLACFFWMLVEAVILFLMVRNLKVVNYFSSRNKMLHICAF
GYGLPMLVVVISASVQPQGYGMHNRCWLNTETGFIWSFLGPVCTVIVINSLLLTWTLWILRQRLSSV
NAEVSTLKDTRLLTFKAFAQLFILGCSWVLGFIQIPVAGVMAYLFTIINSLQGAFIFLIHCLLNGQVR
EEYKRWITGKTKPSSQSQTSRILLSSMPSASKTG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

116.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EMR1

Entrez GeneID	2015
GeneBank Accession#	BC059395.1
Protein Accession#	AAH59395.1
Gene Name	EMR1
Gene Alias	TM7LN3
Gene Description	egf-like module containing, mucin-like, hormone receptor-like 1
Omim ID	600493
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	egf-like module containing, mucin-like, hormone receptor-like sequence 1

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)