

Recombinant Human EEA1

Cat. No. EEA1-28464TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human EEA1 with a proprietary tag: predicted molecular weight 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	EEA1 is Early Endosome Antigen 1 protein that binds phospholipid vesicles containing phosphatidylinositol 3-phosphate, which is necessary for endosomal trafficking.
Molecular Weight	36.630kDa inclusive of tags
Biological activity	This product is useful for Antibody Production and Protein Array
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% GlutathioneNote: Glutathione is reduced
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	KVLELQRKLDNTTAAVQELGRENQSLQIKHTQALNRKWAEDNEVQNCMACGKGFS VTVRRHHCRQCGNIFCAECSAKNALTPSSKKPVRVCDACFNDLQG
Sequence Similarities	Contains 1 C2H2-type zinc finger.Contains 1 FYVE-type zinc finger.
GENE INFORMATION	
Gene Name	EEA1 early endosome antigen 1 [Homo sapiens]
Official Symbol	EEA1
Synonyms	EEA1; early endosome antigen 1; early endosome antigen 1, 162kD; ZFYVE2;
Gene ID	8411
mRNA Refseq	NM_003566
Protein Refseq	NP_003557
MIM	605070
Uniprot ID	Q15075
Chromosome Location	12q22
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Phagosome, organism-specific biosystem;
Function	1-phosphatidylinositol binding; GTP-dependent protein binding; calmodulin binding;

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