

Recombinant Human EEA1 protein, MYC/DDK-tagged

Cat. No. EEA1-26H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EEA1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	162.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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;

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endosome-associated protein p162; early endosome-associated protein; zinc finger FYVE domain-containing protein 2; MST105; MSTP105;

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; Phagosome, conserved biosystem; Toll Like Receptor 9 (TLR9) Cascade, organism-specific biosystem;

Function

1-phosphatidylinositol binding; GTP-dependent protein binding; calmodulin binding; metal ion binding; protein binding; protein homodimerization activity; zinc ion binding;

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