

Recombinant Human EEA1 protein, His-tagged

Cat. No. EEA1-8789H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EEA1 protein(1151-1350 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1151-1350 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	KLESIKEITNLKDAKQLLIQQKLELQGKADSLKAAVEQEKRNQILKDQVKKEEEEELK KEFIEKEAKLHSEIKEKEVGMKKHEENEAKLTMQITALNENLGTVKKEWQSSQRRVS ELEKQTDDLRLGEIAVLEATVQNNQDERRALLERCLKGEGEIEKLQTKVLELQRKLDN TTAAVQELGRENQSLQIKHTQALNRKWA
Purity	90%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

mRNA Refseq [NM_003566](#)

Protein Refseq [NP_003557](#)

MIM [605070](#)

UniProt ID [Q15075](#)

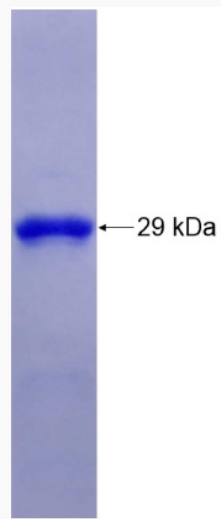
Gene ID [8411](#)

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SDS-PAGE

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