

Product datasheet for TP315396

EEA1 (NM_003566) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human early endosome antigen 1 (EEA1), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC215396 representing NM_003566
Red=Cloning site Green=Tags(s)

MLRRILQRTPGRVGSQGSDDLSSATPINTVDVNNESSEGFICPQCMKSLGSADELFKHYEAVHDAGNDS
 GHGGESNLALKRDDVTLRQEVQDLQASLKEEKWYSEELKKELEKYQGLQQQEAKPDGLVTDSSAELQSL
 EQQLEEAQTENFNIKQMKDLFEQKAAQLATEIADIKSKYDEERSLREAAEQVTRLTEELNKEATVIQDL
 KTELLQRPGLIEDVAVLKKELVQVQTLMDNMTLERERESEKLEKDECKKLSQYASSEATISQLRSELAKGP
 QEVAVVVQELQKLKSSVNELTQKNQTLTENLLKKEQDYTKLEEKHNEESVSKKNIQATLHQKDLDCQQQLQ
 SRLSASETSLHRIHVELSEKGEATQKLKEELSEVETKYQHLKAEFKQLQQQREEKEQHGLQLQSEINQLH
 SKLLETERQLGEAHGRLKEQRQLSSEKLMQDKEQVADLQKLKSRLEEQLKEKVTNSTELQHQLDKTKQQH
 QEQQALQQSTTAKLREAQNDLEQVLRQIGDKDQKIQNLEALLQKSKENISLLEKEREDLYAKIQAGEGET
 AVLNQLQEKNHTLQEQVTQLTEKLNQSESHKQAQENLHDQVQEQKAHLRAAQDRVLSLETSVNELNSQL
 NESKEKVSQLDIQIKAKTELLLSAEAAKTAQRADLQNHLDTAQNALQDKQELNKITTQLDQVTAKLQDK
 QEHCSQLESHLKEYKEYLSLEQKTEEELEGQIKKLEADSLEVKASKEQALQDLQQQRQLNTDLELRATEL
 SKQLEMEKEIVSSTRDLQKKSEALESIKQKLTQEEEKQILKQDFETLSQETKIQHEELNNRIQTTVTE
 LQKVKMEKEALMTELSTVKDKLSKVSDSLKNSKSEFEKENQKGAAILDLEKTCKELKHQLQVQMENTLK
 EQKELKKSLEKEKEASHQLKLELNSMQEQLIQAQNTLQNEKEEQQLQGNINELKQSSEQKKKQIEALQG
 ELKIAVLQKTELENKLQQQLTQAAQELAAEKEKISVLQNNYEKSQETFKQLQSDFYGRESELLATRQDLK
 SVEEKLSLAQEDLISNRNQIGNQNKLIELKTAKATLEQDSAKKEQQLQERCKALQDIQKEKSLKEKELV
 NEKSKLAEIEEIKCRQEKEITKLNELKSHKLESIKEITNLKDAKQLLIQKLELQGKADSLKAAVEQEK
 RNQQILKDQVKKEEELKKEFIEKEAKLHSEIKEKEVGMKKHEENEAKLTMQITALNENLGTVKKEWQSS
 QRRVSELEKQTDLLRGEIIVLEATVQNNQDERRALLERCLKGEIEIKLQTKVLELQRKLDNTTAAVQEL
 GRENQSLQIKHTQALNRKWAEDNEVQNCMACGKGFVSVRRHHCRCGNIFCAECSAKNALTPSSKKPVR
 VCDACFNDLQG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

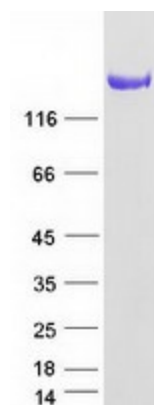
Tag: C-Myc/DDK
Predicted MW: 162.3 kDa



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003557
Locus ID:	8411
UniProt ID:	Q15075
RefSeq Size:	4874
Cytogenetics:	12q22
RefSeq ORF:	4233
Synonyms:	MST105; MSTP105; ZFYVE2
Summary:	Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	Endocytosis

Product images:



Coomassie blue staining of purified EEA1 protein (Cat# TP315396). The protein was produced from HEK293T cells transfected with EEA1 cDNA clone (Cat# [RC215396]) using MegaTran 2.0 (Cat# [TT210002]).