

Product datasheet for PH315396

EEA1 (NM_003566) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EEA1 MS Standard C13 and N15-labeled recombinant protein (NP_003557)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215396
Predicted MW:	162.3 kDa
Protein Sequence:	>RC215396 representing NM_003566 Red=Cloning site Green=Tags(s)

MLRRILQRTPGRVGSQGSDDLSSATPINTVDVNNESSEGFICPQCMSLGSADFLFKHYEAVHDAGNDS
GHGGESNLALKRDDVTLRQEVQDLQASLKEEKWYSEELKKELEKYQGLQQEAKPDGLVTDSSAELQSL
EQQLEEAQTENFNKQMKDLFEQKAAQLATEIADIKSKYDEERSLREAAEQKVTRLTEELNKEATVIQDL
KTELLQRPGIEDVAVLKKELVQVQTLMDNMTLERERERESEKLDCECKLQSQYASSEATISQLRSELAKGP
QEVAVYVQELQKLKSSVNELTQKNQTLTENLLKKEQDYTKLEEKHNEESVSKKNIQATLHQKDLDCQQQLQ
SRLSASETSLHRIHVELSEKGEATQKLKEELSEVETKYQHLKAEFKQLQQQREEKEQHGLQLQSEINQLH
SKLLETERQLGEAHGRLKEQRQLSSEKLMKQEQVADLQLKLSRLEEQLKEKVTNSTELQHQLDKTKQQH
QEQQALQQSTTAKLREAQNDLEQVLRQIGDKDQKIQNLEALLQKSKENISLLEKEREDLYAKIQAGEGET
AVLNQLQEKNHTEQVQTLTEKLNQSESHKQAQENLHDQVQEQKAHLRAAQDRVLSLETSVNELNSQL
NESKEKVSQDLDIQIKAKTELLL SAEAAKTAQRADLQNHLDTAQNALQDKQQELNKITTQLDQVTAKLQDK
QEHCSQLESHLKEYKEYL SLEQKTEELEGQIKKLEADSLEVKASKEQALQDLQQQRQLNTDLELRATEL
SKQLEMEKEIVSSTRDLQKKSEALESIKQKLTKQEEKQILKQDFETLSQETKIQHEELNNRIQTTVTE
LQKVKMEKALMTELSTVKDKLSKVSDSLKNSKSEFEKENQKGAAILDLEKTCKELKHQLQVQMENTLK
EQKELKKSLEKEKEASHQLKLELNSMQEQLIQAQNTLKQNEKEEQQLQGNINELKQSSEQKKKQIEALQG
ELKIAVLQKTELENKLQQQLTQAAQELAAEKEKISVLQNNYEKSQETFKQLQSDFYGRESELLATRODLK
SVEEKLSLAQEDLISNRNQIGNQNKLIQELKTAKATLEQDSAKKEQQLQERCKALQDIQEKSLKEKELV
NEKSKLAEIEEIKCRQEKEITKLENEELKSHKLESIKEITNLKDAKQLLIQQKLELQGKADSLKAAVEQEK
RNQQILKDQVKKEEEEELKKEFIEKEAKLHSEIKEKEVGMKKHEENEAKLTMQITALNENLGTVKKEWQSS
QRRVSELEKQTDLLRGEI AVL EATVQNNQDERRALLERCLKGEIEKLTQKVLQQRKLDNTTAAVQEL
GRENQSLQIKHTQALNRKWAEDNEVQNCMACGKGF SVTVRRHRCRQCGNIFCAECSAKNALTPSSKPKVR
VCDACFNDLQG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

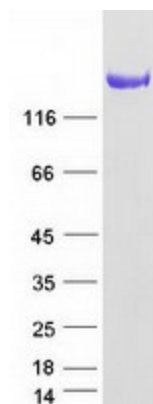
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003557
RefSeq Size:	4874
RefSeq ORF:	4233
Synonyms:	MST105; MSTP105; ZFYVE2
Locus ID:	8411
UniProt ID:	Q15075
Cytogenetics:	12q22
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]).