

Product datasheet for **SC309001**

EEA1 (NM_003566) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: EEA1 (NM_003566) Human Untagged Clone
Tag: Tag Free
Symbol: EEA1
Synonyms: MST105; MSTP105; ZFYVE2
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_003566 edited
GGCAGGAGGCGCTCGCAGGCTGCCTAGTCGTTTCGCTCGCTCTCTCGCGTGCTCCCTCT
CGCCGCTGTGGGAAGTCGGGGCCGCCGAGCGCCGTCGCCACCGCTCGCCCGACC
TCCTTCCCGGTCCCTCCCGGCCAGTCCCTCCCGCCGCGCACCCGAGTAGTGAGTGG
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TTTC AAGT GAAA AGTTGATGGATAAAGAACAACAAGTGGCTGATTTACAAC TCAA CTTT
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GTCAGTTGGAGGATGAATAATAACATTGTATAATGTTAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAA
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Restriction Sites:	Please inquire
ACCN:	NM_003566
Insert Size:	5300 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_003566.2.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_003566.2 , NP_003557.2
RefSeq Size:	4874 bp
RefSeq ORF:	4236 bp
Locus ID:	8411
UniProt ID:	Q15075
Cytogenetics:	12q22
Domains:	FYVE, M, zf-C2H2
Protein Pathways:	Endocytosis
Gene Summary:	Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.[UniProtKB/Swiss-Prot Function]