

MAPRE3 recombinant protein

MAPRE3, 1-281aa, Human, His tag, E Coli

CATALOG # AAA48652	HOST E Coli	APPLICATIONS SDS-Page
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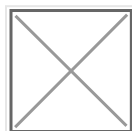
PRODUCT SYNONYMS

MAPRE3; 1-281aa; Human; His tag; E Coli; microtubule-associated protein RP/EB family member 3; EB3; EBF3; EBF3-S; RP3; MAPRE3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MAVNVYSTSV TSENLSRHDM LAWVNDLHL NYTKIEQLCS GAAYCQFMDM LFPGCVHLRK VKFQAKLEHE YIHNFKVLQA AFKKMGVDKI IPVEKLVKGK FQDNFEFIQW FKKFFDANYD GKDYNPLLAR QGQDVAPPPN PGDQIFNKS KLGITAVPQR TSPTGPKNMQ TSGRLSNVAP PCILRKNPPS ARNGGHETDA QILELNQQLV DLKLTVDGLE KERDFYFSKL RDIELICQEH ESENSPVISG IIGILYATEE GFAPPEDDEI EEHQQEDQDE Y
Sequence Length	281
Applicable Applications for MAPRE3 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MAPRE3 recombinant protein	MAPRE1 is a microtubule associated protein that interacts with the colorectal adenomatous polyposis coli tumor suppressor protein and plays important roles in regulating microtubule dynamics, cell polarity, and chromosome stability. This protein is related to MAPRE1 and likewise associates with the microtubule cytoskeleton. MAPRE3 is expressed predominantly in the central nervous system and preferentially associates with APCL, a homolog of the adenomatous polyposis coli tumor suppressor protein. Recombinant human MAPRE3 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for MAPRE3 recombinant protein	Cell Cycle

References	Berrueta L., et al. (1998) Proc Natl Acad Sci u S A. 95 (18):10596-601. ; Bu W., et al. (2003) J Biol Chem. 278 (50):49721-31.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10800412
NCBI GeneID	22924
NCBI Accession #	NP_036458
NCBI GenBank Nucleotide #	NM_012326.3
UniProt Accession #	Q9UPY8; O00265; Q6FHB0; Q6FI15; Q9BZP7; Q9BZP8; B7WPK5
Molecular Weight	34.1 kDa (301aa)) confirmed by MALDI-TOF
NCBI Official Full Name	microtubule-associated protein RP/EB family member 3
NCBI Official Synonym Full Names	microtubule associated protein RP/EB family member 3
NCBI Official Symbol	MAPRE3
NCBI Official Synonym Symbols	EB3; RP3; EBF3; EBF3-S
NCBI Protein Information	microtubule-associated protein RP/EB family member 3
UniProt Protein Name	Microtubule-associated protein RP/EB family member 3
UniProt Gene Name	MAPRE3
UniProt Synonym Gene Names	EBF3; EB3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.