

Datasheet for ABIN7553784
EML3 Protein (AA 1-896) (His tag)



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Overview

Quantity:	1 mg
Target:	EML3
Protein Characteristics:	AA 1-896
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EML3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant EML3 Protein expressed in mammalian cells.
Sequence:	MDGAAGPGDG PAREALQSL S QRLRVQEQEM ELVKAALAEA LRLRLQVPP SSLQGSSTPA PPGDSL AAPP GLPPTCTPSL VSRGTQTETE VELKSSPGPP GLSNGPPAPQ GASEEPSGTQ SEGGSSSSG AGSPGPPGIL RPLQPPQRAD TPRRNSSSSS SPSPRPRQKL SRKAISSANL LVRSGSTESR GGDPLSSPG GPGSRRSNYN LEGISVKMFL RGRPITMYIP SGIRSLEELP SGPPPETLSL DWVYGYRGRD SRSNLFVLR S GEVYFIACV VVLYRPGGGP GGPGGGGQRH YRGHTDCVRC LAVHPDGVRV ASGQTAGVDK DGKPLQPVVH IWDSETLLKL QEIGLGA FER GVGALAFSAA DQGAFLCVVD DSNEHMLSVW DCSRGMKLA E IKSTNDSVLA VGFNPRDSSC IVTSGKSHVH FWNWSGGVGV PNGTGLTRKQ GVFGKYKPK FIPCFVFLPD GDILTGDSEG NILTWGRSPS DSKTPGRGGA KETYGIVAQA HAHEGSIFAL CLRRDGTVLS GGDRRRLVQ WGPG LVALQE AEIPEHFGAV RAI A E GLGSE LLVGT TKNAL LRGDLAQGFS PVIQHTDEL WGLCTHPSQN RFLTCGHDRQ LCLWDGESHA LAWSIDLKET GLCADFHPSG AVVAVGLNTG RWLVLDTETR EIVSDVIDGN EQLSVVRYSP DGLYLAIGSH DNVIYIYSVS SDGAKSSRF G

Product Details

RCMGHSSFIT HLDWSKDGNF IMSNSGDYEI LYWDVAGGCK QLKNRYESRD REWATYTCVL
GFHVYGVWPD GSDGTDINSL CRSHNERVVA VADDFCKVHL FQYPCARAKA PSRMYGGHGS
HVTSVRFTHD DSHLVSLGGK DASIFQWRVL GAGGAGPAPA TPSRTPSLSP ASSLDV **Sequence
without tag. The proposed Purification-Tag is based on experiences with the expression
system, a different complexity of the protein could make another tag necessary. In case you
have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: EML3

Alternative Name: EML3 ([EML3 Products](#))

Background: Echinoderm microtubule-associated protein-like 3 (EMAP-3),FUNCTION: Regulates mitotic spindle assembly, microtubule (MT)-kinetochore attachment and chromosome separation via recruitment of HAUS augmin-like complex and TUBG1 to the existing MTs and promoting MT-based MT nucleation (PubMed:30723163). Required for proper alignment of chromosomes during metaphase (PubMed:18445686). {ECO:0000269|PubMed:18445686,

Target Details

ECO:0000269|PubMed:30723163}.

Molecular Weight: 95.2 kDa

UniProt: [Q32P44](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months