

Datasheet for ABIN7563736  
**EML4 Protein (AA 1-988) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	EML4
Protein Characteristics:	AA 1-988
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EML4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Eml4 Protein expressed in mammalian cells.
Sequence:	<p>MDGFAGSLDD SISAASSTDV QDRLSALESR VQQQEDEITV LKAALADVLR RLAISEDHVA</p> <p>SVKKSMPKSG QPSLREAISM SCITNGSGIS RKQNHTSSVS IARKETLSSA AKSGTEKKKE</p> <p>KPQGQREKKE DSHSNDQSPQ IRASPSQPQS SQPLQINRQT PESKSSAPIK SIKRPPTAEK</p> <p>SHNSWENSDD SRNKLMTVS TSKLISKVIK NADKHKDVIV NQAKMSTREK NSQEGEYIKM</p> <p>FMRGRPITMF IPSVDVNYDD IRTELPPEKL KLEWVYGYRG KDCRANVYLL PTGEIVYFIA</p> <p>SVVVLFNYYE RTQRHYLGHT DCVRCLAVHP DKIRIATGQI AGVDKDGRLP QPHVRVWDSV</p> <p>SLTTLHVIGL GTFERGVGCL DFSKADSGVH LCVIDDSNEH MLTVWDWQKK SKIAEIKTTN</p> <p>EVVLAVEFHP TDANTIITCG KSHIFFWTWS GNSLTRKQGI FGKYEKPKFV QCLAFLGNGD</p> <p>VLTGDSGGVM LIWSKTMVEP PPGKGPKGVY QINRQIKAHD GSVFTLCQMR NGMLLTGGGK</p> <p>DRKIILWDHD LNLEREIEVP DQYGTIRAVA EGRAEQFLVG TSRNFILRGT FNDGFQIEVQ</p> <p>GHRDELWGLA THPFKDLLLT CAQDRQVCMW NSVEHRLEWT RLVDEPGHCA DFHPSGTVVA</p>

IGTHSGRWVFLDAETRDVLSIHTDGNEQLSVMRYSVDGTLAVGSHDNFIYLYTVLENGR  
KYSRYGKCTGHSSYITHLDWSPDNKHIMSNSGDYEILYWDIENGCKLIRNRSDCKDIDWT  
TYTCVLGFQVFGVWPEGSDGTDINALVRSHNRRVIAVADD FCKVHLFQYP CSKAKAPSHK  
YSAHSSHVTNVSFTHNDSHLISTGGKDMSIQWKLVEKLPVPQNEVITDA SVTKTPASSS  
ETARPSNSPPLPPSLPLTGT AEEESRMGSSPTLVENSLEQIAEPSEEQSEWGSEDLGVVI  
DEEPASELSE TQGATELPEE ERGITPLC

**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.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
------------------	---

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	EML4
Alternative Name:	Eml4 (EML4 Products)
Background:	Echinoderm microtubule-associated protein-like 4 (EMAP-4),FUNCTION: Essential for the stability of microtubules (MTs) (PubMed:17196341). Essential for the formation of MTs (By similarity). Required for the organization of the mitotic spindle and for the proper attachment of kinetochores to MTs (By similarity). Promotes the recruitment of NUDC to the mitotic spindle for mitotic progression (By similarity). {ECO:0000250 UniProtKB:Q9HC35,

### Target Details

	ECO:0000269 PubMed:17196341}.
Molecular Weight:	110.0 kDa
UniProt:	<a href="#">Q3UMY5</a>

### Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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