

Datasheet for ABIN7563602  
**EML1 Protein (AA 1-814) (His tag)**



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## Overview

Quantity:	1 mg
Target:	EML1
Protein Characteristics:	AA 1-814
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EML1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Eml1 Protein expressed in mammalian cells.
Sequence:	MEDGFSSYSS LYDTSSLLQF CNDDSSASAAS SMEVSDRIAS LEQRVQMVED DIQLLKSA LADVVKCSN EAVFAADFHP TDTNIIVTCG KSHLYFWTLE GNSLNKKQGL FEKQEKPKFV LCVTFSENGD TITGDSSGNI LVWGKGTNRI SYAVQGAHEG GIFALCMLRD GTLVSGGGKD RRLISWNGNY QKLHKAEIPE QFGPIRTVAE GKGNVILIGT TRNFVLQGLT SGDFTPITQG HTDELWGLAI HASKPQFLTC GHDKHATLWD AVGHRPVWDK IEDPAQSSG FHPSGSVVAV GTLTGRWVFV DTETKDLVTV HTDGNEQLSV MRYSPDGNFL AIGSHDNCIY IYGVTDNGRK

YTRVGKCSGH SSFITHLDWS VNSQFLVSNS GDYEILYWVP SACKQVVSVE TTRDIEWATY  
TCTLGFHVFG VWPEGSDGTD INAVCRAHER KLLCTGDDFG KVHLFSYPCS QFRAPSHIYS  
GHSSHVTNVD FLCEDSHLIS TGGKDTSIMQ WRVI **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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	EML1
Alternative Name:	Eml1 ( <a href="#">EML1 Products</a> )
Background:	<p>Echinoderm microtubule-associated protein-like 1 (EMAP-1),FUNCTION: Modulates the assembly and organization of the microtubule cytoskeleton, and probably plays a role in regulating the orientation of the mitotic spindle and the orientation of the plane of cell division. Required for normal proliferation of neuronal progenitor cells in the developing brain and for normal brain development. Does not affect neuron migration per se.</p> <p>{ECO:0000269 PubMed:24859200}.</p>
Molecular Weight:	89.7 kDa

## Target Details

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UniProt: [Q05BC3](#)

## Application Details

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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

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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