

Datasheet for ABIN7558233
EML2 Protein (AA 1-649) (His tag)



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Overview

Quantity:	1 mg
Target:	EML2
Protein Characteristics:	AA 1-649
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EML2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Eml2 Protein expressed in mammalian cells.
Sequence:	<p>MSSFGIGKTK EVIFSMEEGS VKMFLRGRPV PMLIPDELAP TYSLDTRSEL PSSRLKLDWV</p> <p>YGYRGRDCRA NLYLLPTGEV VYFVASVAVL YSVEEQRQRH YLGHND DIKC LAVHPDMVTI</p> <p>ATGQVAGTTK EGKPLPPHVR VWDSVSLSTL HVLGLGVFDR AVCCVAFSKS NGGNLLCAVD</p> <p>ESNDHVLSVW DWAKESKVVD SKCSNEAVLV ATFHPTDPSL LITCGKSHIY FWSLEGGSL</p> <p>KRQGLFEKHE KPKYVLCVTF LEGGDVVTGD SGGNLYVWGK GGNRITQEVQ GAHDGGVFAL</p> <p>CALRDGTLVS GGGRDRRVVL WGS DYSKVQE VEPEDFGPV RTVAEGRGDT LYVGTTNRNI</p> <p>LLGSVHTGFS LLVQGHVEEL WGLATHPSRA QFVTCGQDKL VHLWSSETHQ PVWSRSIEDP</p> <p>ARSAGFHPSG SVLAVGTVTG RWLLLD TETH DLVAIHTDGN EQISVVSFSP DGAYLAVGSH</p> <p>DNLVYYVTVD QGGRKVSRLG KCSGHSSFIT HLDWAQDSTC FVTNSGDYEI LYWDPVTCKQ</p> <p>ITSADTVRNV EWATATCVLG FGVFGIWPEG ADGTDINAVA RSHDGKLLVS ADDFGKVHLF</p> <p>SYPCQPRAL SHKYGGHSSH VTNVAFLWDD SMALTTGGKD TSVLQWRVA Sequence without</p>

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">• 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). <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:	EML2
Alternative Name:	Eml2 (EML2 Products)
Background:	Echinoderm microtubule-associated protein-like 2 (EMAP-2),FUNCTION: Tubulin binding protein that inhibits microtubule nucleation and growth, resulting in shorter microtubules. {ECO:0000250 UniProtKB:O95834}.
Molecular Weight:	70.7 kDa
UniProt:	Q7TNG5
Pathways:	Microtubule Dynamics , Sensory Perception of Sound

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.
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Restrictions:	For Research Use only
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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