

Datasheet for ABIN7554288
KIF17 Protein (AA 1-1029) (His tag)



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Overview

Quantity:	1 mg
Target:	KIF17
Protein Characteristics:	AA 1-1029
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF17 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KIF17 Protein expressed in mammalian cells.
Sequence:	<p>MASEAVKVVV RCRPMNQER ELRCQPVVTV DCARAQCCIQ NPGAADPPK QFTFDGAYHV</p> <p>DHVTEQIYNE IAYPLVEGVT EGYNGTIFAY GQTGSGKSFT MQGLPDPPSQ RGIIPRAFEH</p> <p>VFESVQCAEN TKFLVRASYL EIYNEDVRDL LGADTKQKLE LKEHPEKGVY VKGLSMHTVH</p> <p>SVAQCEHIME TGWKNRSVG Y TLMNKDSSRS HSIFTISIEM SAVDERGKDH LRAKGLNLVD</p> <p>LAGSERQSKT GATGERLKEA TKINLSLSAL GNVISALVDG RCKHVPYRDS KLTRLLQDSL</p> <p>GGNTKTLMVA CLSPADNNYD ETLSTLRYAN RAKNIRNKPR INEDPKDALL REYQEEIKKL</p> <p>KAILTQQMSP SSSLALLSRQ VPPDPVQVEE KLLPQPVIQH DVEAEKQLIR EEEYERLARL</p> <p>KADYKAEQES RARLEEDITA MRNSYDVRLS TLEENLRKET EAVLQVGVLY KAEVMSRAEF</p> <p>ASSAEYPPAF QYETVVKPKV FSTTDTLPSD DVSKTQVSSR FAELPKVEPS KSEISLGSSE</p> <p>SSSLEETSVS EAFPGPEEPS NVEVSMPTEE SRSRYFLDEC LGQEAAGHLL GEQNYLPQEE</p> <p>PQEVPLQGLL GLQDPFAEVE AKLARLSSTV ARTDAPQADV PKVPVQVPAP TDLLPSDAR</p> <p>PEAEAADDFP PRPEVDLASE VALEVVRTAE PGVWLEAQAP VALVAQPEPL PATAGVKRES</p>

Product Details

VGMEVAVLTD DPLPVVDQQQ VLARLQLLEQ QVVGGEQAKN KDLKEKHKRR KRYADERRKQ
LVAALQNSDE DSGDWVLLNV YDSIQEEVRA KSKLLEKMQR KLRAAEVEIK DLQSEFQLEK
IDYLATIRRQ ERDSMLLQQL LEQVQPLIRR DCNYSNLEKI LRESCWDEDN GFWKIPHPVI
TKTSLPVAVS TGPQNK PARK TSAADNGEPN MEDDRYRLML SRSNSENIA NYFRSKRASQ
ILSTDARKSL THHNSPPGLS CPLSNNSAIP PTQAPEMPQP RPFRLSLDI PFTKAKRKKS
KSNFGSEPL **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:	<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>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	KIF17
Alternative Name:	KIF17 (KIF17 Products)
Background:	Kinesin-like protein KIF17 (KIF3-related motor protein),FUNCTION: Dendrite-specific motor protein which, in association with the Apba1-containing complex (LIN-10-LIN-2-LIN-7 complex), transports vesicles containing N-methyl-D-aspartate (NMDA) receptor subunit NR2B along

Target Details

	microtubules. {ECO:0000250 UniProtKB:Q99PW8}.
Molecular Weight:	115.1 kDa
UniProt:	Q9P2E2

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