Datasheet for ABIN5709803

KIF1A Protein (AA 1-361, Kinesin-motor domain, partial) (His-SUMO Tag)

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Overview

Quantity:	100 µg
Target:	KIF1A
Protein Characteristics:	Kinesin-motor domain, AA 1-361, partial
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF1A protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MAGASVKVAV RVRPFNSREM SRDSKCIIQM SGSTTTIVNP KQPKETPKSF SFDYSYWSHT SPEDINYASQ KQVYRDIGEE MLQHAFEGYN VCIFAYGQTG AGKSYTMMGK QEKDQQGIIP QLCEDLFSRI NDTTNDNMSY SVEVSYMEIY CERVRDLLNP KNKGNLRVRE HPLLGPYVED LSKLAVTSYN DIQDLMDSGN KPRTVAATNM NETSSRSHAV FNIIFTQKRH DAETNITTEK VSKISLVDLA GSERADSTGA KGTRLKEGAN INKSLTTLGK VISALAEMDS GPNKNKKKKK TDFIPYRDSV LTWLLRENLG GNSRTAMVAA LSPADINYDE TLSTLRYADR AKQIRCNAII N
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	KIF1A

Target Details

Alternative Name:	KIF1A (KIF1A Products)
Background:	Motor for anterograde axonal transport of synaptic vesicle precursors.
Molecular Weight:	56.4 kDa
UniProt:	P33173

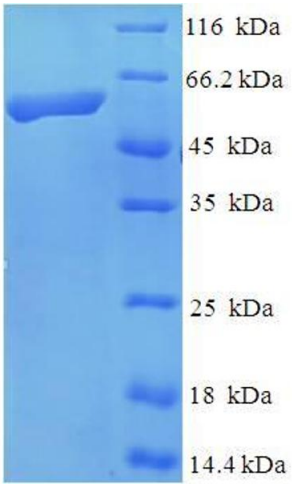
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.

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