

Recombinant Mouse KIF1A Protein (1-361 aa), His-SUMO-tagged

Cat. No. KIF1A-599M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse KIF1A Protein (1-361 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	1-361 aa
Description	Motor for anterograde axonal transport of synaptic vesicle precursors.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	56.4 kDa
AA Sequence	MAGASVKVAVRVRPFNSREMSRDSKCIQMSGSTTTIVNPKQPKETPKSFSFDYSY WSHTSPEDINYASQKQVYRDIGEEMLQHAFEGYNVCIFAYGQTGAGKSYTMMGKQ EKDQQGIIPQLCEDLFSRINDTTNDNMSYSVEVSYPEIYCERVRDLLNPKNKGNLRV REHPLLGPYVEDLSKLAVTSYNDIQDLMDSGNKPRTVAATNMNETSSSRSHAVFNIIFT QKRHDAETNITTEKVSISLVDLAGSERADSTGAKGTRLKEGANINKSLTTLGKVISAL AEMDSGPKNKNNKKKKTDPIFYRDSVLTWLLRENLGGSRTAMVAALSPADINYDETL STLRYADRAKQIRCNAIIN

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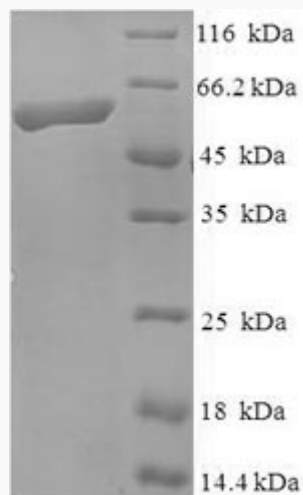
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	Kif1a kinesin family member 1A [Mus musculus]
Official Symbol	KIF1A
Synonyms	KIF1A; ATSV; Kns1; Gm1626; C630002N23Rik;
Gene ID	16560
mRNA Refseq	NM_001110315
Protein Refseq	NP_001103785
UniProt ID	P33173

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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