



KIF1A peptide (DAG-P0654)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the kinesin family and functions as an anterograde motor protein that transports membranous organelles along axonal microtubules. Mutations at this locus have been associated with spastic paraplegia-30 and hereditary sensory neuropathy IIC. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Apr 2012]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the kinesin-like protein family. Unc-104 subfamily.Contains 1 FHA domain.Contains 1 kinesin-motor domain.Contains 1 PH domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	KIF1A kinesin family member 1A [Homo sapiens (human)]
Official Symbol	KIF1A
Synonyms	KIF1A; kinesin family member 1A; ATSV; MRD9; HSN2C; SPG30; UNC104; C2orf20; kinesin-like protein KIF1A; tmp_locus_27; microtubule-based motor KIF1A; unc-104- and KIF1A-related protein; axonal transporter of synaptic vesicles; kinesin, heavy chain, member 1A, homolog of mouse;

Entrez Gene ID	547
mRNA Refseq	NM_001244008.1
Protein Refseq	NP_001230937.1
UniProt ID	Q12756
Chromosome Location	2q37.3
Function	ATP binding; microtubule binding; microtubule motor activity; motor activity;