



Human KIF3A peptide (DAG-P0756)

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

PRODUCT INFORMATION

Antigen Description	Microtubule-based anterograde translocator for membranous organelles. Plus end-directed microtubule sliding activity in vitro.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the kinesin-like protein family. Kinesin II subfamily. Contains 1 kinesin-motor 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	KIF3A kinesin family member 3A [Homo sapiens (human)]
Official Symbol	KIF3A
Synonyms	KIF3A; kinesin family member 3A; FLA10; KLP-20; kinesin-like protein KIF3A; kinesin family protein 3A; microtubule plus end-directed kinesin motor 3A;
Entrez Gene ID	11127
mRNA Refseq	NM_007054.5
Protein Refseq	NP_008985.3
UniProt ID	Q05CT3

Chromosome Location	5q31
Pathway	Adaptive Immune System, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Kinesins, organism-specific biosystem; MHC class II antigen presentation, org
Function	ATP binding; microtubule binding; plus-end-directed microtubule motor activity; protein binding; spectrin binding;