



Human KIF5B peptide (DAG-P1703)

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

PRODUCT INFORMATION

Antigen Description	Microtubule-dependent motor required for normal distribution of mitochondria and lysosomes.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the kinesin-like protein family. Kinesin 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	KIF5B kinesin family member 5B [Homo sapiens (human)]
Official Symbol	KIF5B
Synonyms	KIF5B; kinesin family member 5B; KNS; KINH; KNS1; UKHC; HEL-S-61; kinesin-1 heavy chain; kinesin heavy chain; kinesin 1 (110-120kD); ubiquitous kinesin heavy chain; conventional kinesin heavy chain; epididymis secretory protein Li 61;
Entrez Gene ID	3799
mRNA Refseq	NM_004521.2
Protein Refseq	NP_004512.1
UniProt ID	P33176

Chromosome Location	10p11.22
Pathway	Adaptive Immune System, organism-specific biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Insulin Processing, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Kinesins, organism-specific biosystem; MHC class II antigen presentatio
Function	ATP binding; microtubule binding; microtubule motor activity; protein binding;