



Human KIF5C peptide (DAG-P0759)

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

PRODUCT INFORMATION

Antigen Description	Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport.
Specificity	Highest expression in brain, prostate and testis, and moderate expression in kidney, small intestine and ovary.
Conjugate	Unconjugated
Applications	CBA, Neut
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. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	KIF5C kinesin family member 5C [Homo sapiens (human)]
Official Symbol	KIF5C
Synonyms	KIF5C; kinesin family member 5C; KINN; NKHC; NKHC2; CDCBM2; NKHC-2; kinesin heavy chain isoform 5C; kinesin heavy chain neuron-specific 2; kinesin, heavy chain, neuron-specific;
Entrez Gene ID	3800
mRNA Refseq	NM_004522.2
Protein Refseq	NP_004513.1

UniProt ID	O60282
Chromosome Location	2q23.1
Pathway	Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Insulin Processing, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Peptide hormone metabolism, organism-specific biosystem;
Function	ATP binding; microtubule binding; microtubule motor activity; protein binding;