

Recombinant Human KIF5A, GST-tagged

Cat. No. KIF5A-376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF5A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-102aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	KIF5A kinesin family member 5A [Homo sapiens]
Official Symbol	KIF5A
Synonyms	KIF5A; kinesin family member 5A; spastic paraplegia 10 (autosomal dominant) , SPG10; kinesin heavy chain isoform 5A; D12S1889; MY050; NKHC; KIF5A variant protein; neuronal kinesin heavy chain; kinesin heavy chain neuron-specific 1; kinesin, heavy chain, neuron-specific; SPG10;

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Gene ID	3798
mRNA Refseq	NM_004984
Protein Refseq	NP_004975
MIM	602821
UniProt ID	Q12840
Chromosome Location	12q13.13
Pathway	Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem;
Function	ATP binding; microtubule motor activity; motor activity; nucleotide binding;

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