

## Recombinant Human KIF5C Protein, MYC/DDK-tagged

Cat. No. KIF5C-555H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human KIF5C protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>The protein encoded by this gene is a kinesin heavy chain subunit involved in the transport of cargo within the central nervous system. The encoded protein, which acts as a tetramer by associating with another heavy chain and two light chains, interacts with protein kinase CK2. Mutations in this gene have been associated with complex cortical dysplasia with other brain malformations-2. Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Jul 2015]</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	109.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	kinesin family member 5C[ Homo sapiens ]
<b>Official Symbol</b>	KIF5C
<b>Synonyms</b>	CDCBM2; KINN; NKHC; NKHC-2; NKHC2
<b>Gene ID</b>	3800
<b>mRNA Refseq</b>	NM_004522.2
<b>Protein Refseq</b>	NP_004513.1
<b>MIM</b>	604593
<b>UniProt ID</b>	O60282

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