Recombinant Human KIF5C Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant human KIF5C protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	109.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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