Recombinant Human KIF14 Protein, His-tagged

Cat. No. KIF14-2360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF14 Protein (Ala1520-Val1648) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala1520-Val1648
Description	This gene encodes a member of the kinesin family of proteins. Members of this family are part of a multisubunit complex that functions as a microtubule motor in intracellular organelle transport. Mutations in this gene cause autosomal dominant spastic paraplegia 10.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.1 kDa Accurate Molecular Mass: 18 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	KIF14 kinesin family member 14 [Homo sapiens (human)]
Official Symbol	KIF14
Synonyms	KIF14; kinesin family member 14; kinesin-like protein KIF14; KIAA0042; MGC142302;
Gene ID	9928
mRNA Refseq	NM_014875
Protein Refseq	NP_055690
MIM	611279
UniProt ID	Q15058

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