

Recombinant Human DYNC1H1 protein, His & T7-tagged

Cat. No. DYNC1H1-1637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DYNC1H1 aa. (Ala20~Leu285 (Accession # Q14204)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala20~Leu285
Description	Dyneins are a group of microtubule-activated ATPases that function as molecular motors. They are divided into two subgroups of axonemal and cytoplasmic dyneins. The cytoplasmic dyneins function in intracellular motility, including retrograde axonal transport, protein sorting, organelle movement, and spindle dynamics. Molecules of conventional cytoplasmic dynein are comprised of 2 heavy chain polypeptides and a number of intermediate and light chains. This gene encodes a member of the cytoplasmic dynein heavy chain family.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%

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Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.1

GENE INFORMATION

Gene Name	DYNC1H1 dynein cytoplasmic 1 heavy chain 1 [Homo sapiens (human)]
Official Symbol	DYNC1H1
Synonyms	DYNC1H1; dynein cytoplasmic 1 heavy chain 1; p22; DHC1; DNCL; DYHC; HL-3; CMT2O; DHC1a; DNCH1; DNECL; Dnchc1; SMALED1; cytoplasmic dynein 1 heavy chain 1; dynein heavy chain, cytosolic; dynein, cytoplasmic, heavy polypeptide 1
Gene ID	1778
mRNA Refseq	NM_001376.4
Protein Refseq	NP_001367.2

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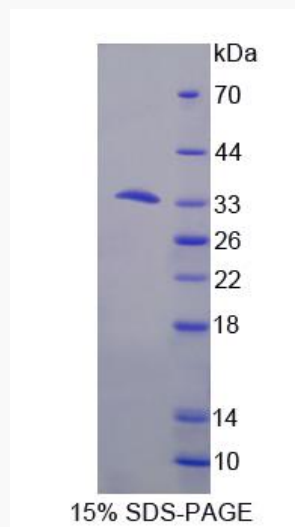
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UniProt ID

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SDS-PAGE

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