

Recombinant Human DNAH14, His-tagged

Cat. No. DNAH14-12049H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAH14 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350a.a.
Description	Dyneins are microtubule-associated motor protein complexes composed of several heavy, light, and intermediate chains. Two major classes of dyneins, axonemal and cytoplasmic, have been identified. DNAH14 is an axonemal dynein heavy chain (DHC) (Vaughan et al., 1996 [PubMed 8812413]).
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	DNAH14 dynein,axonemal,heavy chain 14 [Homo sapiens]
Official Symbol	DNAH14

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Synonyms	dynein, axonemal, heavy chain 14; Axonemal beta dynein heavy chain 14; C1orf67; Ciliary dynein heavy chain 14; HL18; DKFZp781B1548; Dnahc14; MGC27277; HL-18; chromosome 1 open reading frame 67; dynein, axonemal, heavy polypeptide 14; dynein heavy chain 14, axonemal; DNAH14
Gene ID	127602
mRNA Refseq	NM_144989.2
Protein Refseq	NP_659426.2
MIM	603341
UniProt ID	Q0VDD8
Chromosome Location	1q42.12
Function	ATP binding;microtubule motor activity;

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