

Recombinant Human DNAH6, His-tagged

Cat. No. DNAH6-12051H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAH6 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-408a.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. DNAH6 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	DNAH6 dynein,axonemal,heavy chain 6 [Homo sapiens]
Official Symbol	DNAH6

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	dynein, axonemal, heavy chain 6; Axonemal beta dynein heavy chain 6; DNHL1; Ciliary dynein heavy chain 6; HL2; FLJ37357; Dnahc6; dynein heavy chain 6, axonemal; HL-2; NAHC6dynein heavy chain-like 1; KIAA1697dynein, axonemal, heavy polypeptide 6; DNAH6
Gene ID	1768
mRNA Refseq	NM_001370.1
Protein Refseq	NP_001361.1
MIM	603336
UniProt ID	Q9C0G6
Chromosome Location	2p11.2
Function	ATP binding;ATPase activity;microtubule motor activity;

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