

Recombinant Human DNAH6 Protein, GST-tagged

Cat. No. DNAH6-2722H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAH6 full-length ORF (ADR83178.1, 1 a.a. - 408 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene belongs to the dynein family, whose members encode large proteins that are constituents of the microtubule-associated motor protein complex. This complex is composed of dynein heavy, intermediate and light chains, which can be axonemal or cytoplasmic. This protein is an axonemal dynein heavy chain. It is involved in producing force for ciliary beating by using energy from ATP hydrolysis. Mutations in this gene may cause primary ciliary dyskinesia (PCD) as well as heterotaxy. [provided by RefSeq, Jun 2016]
Molecular Mass	44.9 kDa
AA Sequence	MTYTEQASKRHYCMRLTCFIRLNDYLIENTMHILTVNAVNSLLNHLTDKLRTPSADVI QKWITEEKPEVPDKKGLTMVEKQEEDESLIPMFLTELMLTVQSLLFEPSLEDFLDGIL GAVNHCQNTVLSVPNLVPDSYFDAFTSPYINNKGKTCGTGPSLAAVFEDDKNFHT IISQIKETIQAAFESARIYAATFEKFQIFFKENESLDLQALKLQEPDINFFSEQLEKYHKQ HKDAVALRPTRNVGLLLIDTRLLREKLIPSPLRCLEVLNFMPLPRQSKKKVDAIIFEAQD AEYKLEFVPTTTTTEYVHSLFLDEIQERIESLEDEGNIVTQMYKLMEQYQVPTPPEDF AVFATMKPSIVAVRNAIDKSVGDRESSIKQFCVHLGSDLEELNNEVNEVKLQAQVS

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DNAH6 dynein, axonemal, heavy chain 6 [Homo sapiens]
Official Symbol	DNAH6
Synonyms	DNAH6; dynein axonemal heavy chain 6; Dynein Axonemal Heavy Chain 6; Dynein, Axonemal, Heavy Polypeptide 6; Axonemal Beta Dynein Heavy Chain 6; Ciliary Dynein Heavy Chain 6; Dynein Heavy Chain-Like 1; Dnahc6; DNHL1; HL2; Dynein Heavy Chain 6, Axonemal; KIAA1697; HL-2
Gene ID	1768
mRNA Refseq	NM_001370
Protein Refseq	NP_001361
MIM	603336
UniProt ID	Q9C0G6

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