

Recombinant Full Length Human DNAH6 Protein, GST-tagged

Cat. No. DNAH6-4048HF **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	In Vitro Cell Free System
ProteinLength	408 amino acids
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 QKWITEEKPEVPDCKGTLMEKQEEDESLIPMFLTELMLTVQSLLFEPSLEDFLDGIL GAVNHCQNTVLSVPLVPDSYFDAFTSPYINNKGKTCGTGPSLAAVFEDDKNFHT IISQIKETIQAAFESARIYAATFEKFQIFFKENESLDLQALKLQEPDINFFSEQLEKYHKQ HKDAVALRPTRNVGLLLIDTRLLREKLIPSPLRCLEVLNFMPLRQSKKKVDAIIFEAQD AEYKLEFVPTTTTEYVHSLFLDEIQERIESLEDEGNIVTQMYKLMEQYQVPTPPEDF

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AVFATMKPSIVAVRNAIDKSVGDRESSIKQFCVHLGSDLEELNNEVNEVKLQAQVS

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

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UniProt ID

Q9C0G6

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