

Full-Length

DNAH6 (Human) Recombinant Protein (P01)

Catalog # H00001768-P01

Size 50 ug

Specification

Product Description	Human DNAH6 full-length ORF (ADR83178.1, 1 a.a. - 408 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTYTEQASKRHYCMRLTCFIRLNDYLIENTMHILTVNAVNSLLNHLTDKLRTPSADVIQKWITEEKP EVPDKKGTLMVEKQEEDESLIPMFLTELMLTVQSLLFEPSEDFLDGILGAVNHCQNTVLSVPLV PDSYFDAFTSPYNNKLEGKTCGTGPSLAAVFEDDKNFHTIISQIKETQAAFESARIYAATFEKFQIF FKENESLDLQALKLQEPDINFFSEQLEKYHKQHKDAVALRPTRNVGLLIDTRLLREKLIPSPRLCL EVLNFMPLPRQSKKKVDAIIFEAQDAEYKLEFVPTTTTEYVHSLLFLDEIQERIESLEDEGNVTQMYK LMEQYQVPTPPEDFAVFATMKPSIAVRNAIDKSVGDRESSIKQFCVHLGSDLEELNNEVNVEVKL QAQVS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.9
Interspecies Antigen Sequence	Mouse (84)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — DNAH6

Entrez GeneID [1768](#)

GeneBank Accession# [HQ258424.1](#)

Protein Accession# [ADR83178.1](#)

Gene Name DNAH6

Gene Alias Dnahc6, HL-2, HL2

Gene Description dynein, axonemal, heavy chain 6

Omim ID [603336](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]).[supplied by OMIM]

Other Designations dynein, axonemal, heavy polypeptide 6