

Full-Length

DNAL1 (Human) Recombinant Protein (P01)

Catalog # H00083544-P01

Size 50 ug

Specification

Product Description	Human DNAL1 full-length ORF (NP_113615.1, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDASLSMLANCEKLSLSTNCIEKIANLNGLKNLRILSLGRNNIKNLNGLEAVGDTLEELWISYNFIEKL KGIHIMKKLKILYMSNNLVKDWAEFVKLAELPCLEDLVFVGNPLEEKHSAENNWIEEATKRVPKLK KLDGTPVIKGDEEEDN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.5
Interspecies Antigen Sequence	Mouse (93); Rat (95)
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 — DNAL1

Entrez GeneID	83544
GeneBank Accession#	NM_031427.1
Protein Accession#	NP_113615.1
Gene Name	DNAL1
Gene Alias	C14orf168, MGC12435
Gene Description	dynein, axonemal, light chain 1
Omim ID	610062
Gene Ontology	Hyperlink
Gene Summary	DNAL1 is a component of outer dynein arms, which contain the molecular motors for ATP-dependent cilia movement (Horvath et al., 2005 [PubMed 15845866]).[supplied by OMIM]
Other Designations	1700010H15RiK axonemal dynein light chain axonemal dynein light chain 1

Disease

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