Recombinant Human DNAL1, His-tagged

Cat. No. DNAL1-12091H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAL1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-151a.a.
Description	This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	DNAL1 dynein, axonemal, light chain 1 [Homo sapiens]

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Official Symbol	DNAL1
Synonyms	axonemal; Axonemal dynein light chain 1; Axonemal dynein light chain; C14orf168; Chromosome 14 open reading frame 168; CILD16; DNAL 1; dnal1; DNAL1_HUMAN; Dynein axonemal light chain 1; Dynein light chain 1; Dynein light chain 1 axonemal; MGC12435;
Gene ID	83544
mRNA Refseq	NM_031427.3
Protein Refseq	NM_031427.3
MIM	610062
UniProt ID	Q4LDG9
Chromosome Location	14q24.3
Pathway	Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem;

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