

Recombinant Human DNAL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAL1-6397H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNAL1 MS Standard C13 and N15-labeled recombinant protein (NP_113615) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	17.1 kDa
AA Sequence	MDASLSMLANCEKLSLSTNCIEKIANLNLGLKNLRILSLGRNNIKNLNGLEAVGDTLEEL WISYNFIEKLKGIHIMKKLKILYMSNNLVKDWAEFVKLAELPCLEDLVFVGNPLEEKHS AENNWIEEATKRVPKLLKLDGTPVIKGDEEEDNTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269 1-516-512-3133

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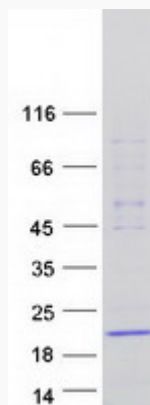
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	DNAL1 dynein axonemal light chain 1 [Homo sapiens (human)]
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
Protein Refseq	NP_113615
MIM	610062
UniProt ID	Q4LDG9

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SDS-PAGE

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