

Recombinant Human DNAL1 Protein, MYC/DDK-tagged

Cat. No. DNAL1-2382H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAL1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DNAL1 dynein, axonemal, light chain 1 [Homo sapiens]
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Official Symbol	DNAL1
Synonyms	C14orf168; CILD16
Gene ID	83544
mRNA Refseq	NM_031427.3
Protein Refseq	NP_113615.2
MIM	610062
UniProt ID	Q4LDG9

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