

Recombinant Human DNALI1 cell lysate

Cat. No. DNALI1-499HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	This gene is the human homolog of the Chlamydomonas inner dynein arm gene, p28. The precise function of this gene is not known, however, it is a potential candidate for immotile cilia syndrome (ICS). Ultrastructural defects of the inner dynein arms are seen in patients with ICS. Immotile mutant strains of Chlamydomonas, a biflagellated algae, exhibit similar defects.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	DNALI1 dynein, axonemal, light intermediate chain 1 [Homo sapiens]
Official Symbol	DNALI1
Synonyms	DNALI1; dynein, axonemal, light intermediate chain 1; dynein, axonemal, light intermediate polypeptide 1; axonemal dynein light intermediate polypeptide 1; dJ423B22.5; dJ423B22.5 (axonemal dynein light chain (hp28)); hp28; inner dynein arm; homolog of clamydomonas; P28; inner dynein arm light chain, axonemal; inner

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	dynein arm, homolog of clamydomonas;
Gene ID	7802
mRNA Refseq	NM_003462
Protein Refseq	NP_003453
MIM	602135
UniProt ID	O14645
Chromosome Location	1p35.1
Pathway	Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem;
Function	microtubule motor activity;

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