

Recombinant Full Length Human DNALI1 Protein, GST-tagged

Cat. No. DNALI1-4031HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human DNALI1 full-length ORF (AAH46117, 1 a.a. - 258 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	258 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	54.12 kDa
AA Sequence	MIPPADSLKLYDTPVLVSRNTEKRSPKARLLKVSPQQPGPSGSAPQPPKTKLPSTPC VPDPTKQAEIILNAILPPREWVEDTQLWIIQQVSSSTPSTRMDVVHLQEQLDLKQLQR QARETGICPVRRELYSQCFDELIREVTINCAERGLLLLVRDEIRMTIAAYQTLYESSV AFGMRKALQAEQGKSDMERKIAELETEKRDRLERQVNEQKAKCEATEKRESERRQV EEKKHNEEIQLKRTNQQQLKAQLEGIIAPKK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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 dynein arm, homolog of clamydomonas;
Gene ID	7802
mRNA Refseq	NM_003462
Protein Refseq	NP_003453
MIM	602135
UniProt ID	O14645

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