

Recombinant Human DNALI1, His-tagged

Cat. No. DNALI1-3797H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Axonemal dynein light intermediate polypeptide 1 (DNALI1)
Species	Human
Source	E.Coli/Yeast
ProteinLength	280
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.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of DNALI1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
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
Chromosome Location	1p35.1
Pathway	Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved

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biosystem;

Function

microtubule motor activity;

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