

Product datasheet for PH312111

DNALI1 (NM_003462) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DNALI1 MS Standard C13 and N15-labeled recombinant protein (NP_003453)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212111
Predicted MW:	31.7 kDa
Protein Sequence:	>RC212111 representing NM_003462 Red =Cloning site Green =Tags(s) MVTANKAHTGQGSCWVATLASAMIPPADSLLKYDTPVLVSRNTEKRSPKARLLKLVSPQQPGSPGSAPQPP KTKLPSTPCVPDPPTKQAEIILNAILPPREWVEDTLWIQQVSSTPSTRMDVVHLQEQLDLKLQQRQARET GICPVRRELYSQCFDELIREVTINCAERGLLLRVRDEIRMTIAAYQTLYESSVAFGMRKALQAEQKSD MERKIAELETEKRDLERQVNEQKAKCEATEKRESERRQVEEKHNEEIQLKRTNQQLKAQLEGIAPKK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003453
RefSeq Size:	2663
RefSeq ORF:	840
Synonyms:	dj423B22.5; hp28; P28
Locus ID:	7802
UniProt ID:	O14645 , A0A499FIY3



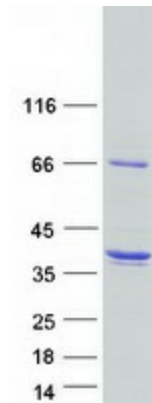
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Cytogenetics: 1p34.3

Summary: 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]

Protein Pathways: Huntington's disease

Product images:



Coomassie blue staining of purified DNALI1 protein (Cat# [TP312111]). The protein was produced from HEK293T cells transfected with DNALI1 cDNA clone (Cat# [RC212111]) using MegaTran 2.0 (Cat# [TT210002]).