

# Product datasheet for AR51231PU-S

## DNALI1 (1-280, His-tag) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Recombinant Proteins
Description:	DNALI1 (1-280, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMVTANKA HTGQGSCWVA TLASAMIPPA DSLLKYDTPV LVSRNTEKRS PKARLLKVSP QQPGPSGSAP QPPKTKLPST PCVPDPTKQA EEILNAILPP REWVEDTQLW IQQVSSTPST RMDVVHLQEQ LDLKLQQRQA RETGICPVRR ELYSQCFDEL IREVTINCAE RGLLLLRVRD EIRMTIAAYQ TLYESSVAFG MRKALQAEQG KSDMERKIAE LETEKRDLER QVNEQKAKCE ATEKRESERR QVEEKKHNEE IQFLKRTNQQ LKAQLEGIIA PKK
Tag:	His-tag
Predicted MW:	34.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DNALI1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 003453</u>
Locus ID:	7802
UniProt ID:	<u>O14645</u> , <u>A0A499FIY3</u>
Cytogenetics:	1p34.3
Synonyms:	dJ423B22.5; hp28; P28



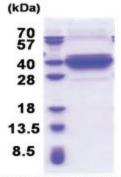
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ORIGENE	DNALI1 (1-280, His-tag) Human Protein – AR51231PU-S
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Summary:This gene is the human homolog of the Chlamydomonas inner dynein arm gene, p28. The<br/>precise function of this gene is not known, however, it is a potential candidate for immotile<br/>cilia syndrome (ICS). Ultrastructural defects of the inner dynein arms are seen in patients with<br/>ICS. Immotile mutant strains of Chlamydomonas, a biflagellated algae, exhibit similar defects.<br/>[provided by RefSeq, Jul 2008]

Protein Pathways: Huntington's disease

#### **Product images:**



15% SDS-PAGE (3ug)

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