

## Product datasheet for **AR39005PU-N**

### DNAL4 (1-105, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	DNAL4 (1-105, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MGETEGKKDE ADYKRLQTFP LVRHSDMP EE MRVETMELCV TACEKFSNNN ESAAKMIKET MDKKFGSSWH VVIGEGFGFE ITHEVKNLLY LYFGGTLAVC VWKCS
Tag:	His-tag
Predicted MW:	14.1 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 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DNAL4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_005731</u>
Locus ID:	10126
UniProt ID:	<u>O96015</u>
Cytogenetics:	22q13.1
Synonyms:	Dynein light chain 4 axonemal



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**Summary:**

This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. [provided by RefSeq, Dec 2014]

**Protein Pathways:**

Huntington's disease

**Product images:**