

# Recombinant Human DNAL4 Protein, GST-tagged

**Cat. No.** DNAL4-2772H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DNAL4 full-length ORF ( AAH02968, 1 a.a. - 105 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 37.29 kDa                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MGETEGKKDEADYKRLQTFPLVRHSDMPEEMRVETMELCVTACEKFSNNNESAAK<br>MIKETMDKKFGSSWHVVIGEGFGFEITHEVKNLLYLYFGGTLAVCVWKCS                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                            |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                       |

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**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** DNAL4 dynein, axonemal, light chain 4 [ Homo sapiens ]

**Official Symbol** DNAL4

**Synonyms** DNAL4; dynein, axonemal, light chain 4; dynein, axonemal, light 4 , dynein, axonemal, light polypeptide 4; dynein light chain 4, axonemal; dJ327J16; PIG27; dynein, axonemal, light 4; proliferation-inducing gene 27; dynein light chain, outer arm 4; proliferation-inducing protein 27; dynein, axonemal, light polypeptide 4;

**Gene ID** 10126

**mRNA Refseq** NM\_005740

**Protein Refseq** NP\_005731

**MIM** 610565

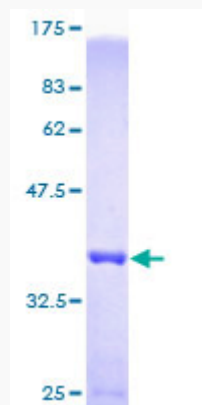
**UniProt ID** O96015

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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