# Recombinant Full Length Human DYNLT3 Protein, GST-tagged

**Cat. No.** DYNLT3-4168HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human DYNLT3 full-length ORF ( ACT64502.1, 1 a.a. - 116 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 116 amino acids |
| **Description** | This gene encodes a member of a subclass of dynein light chains. The encoded protein homodimerizes and forms the light chain component of the cytoplasmic dynein motor protein complex. This protein may be important for binding dynein to specific cargos including the spindle checkpoint protein BUB3. This protein may also function independently of dynein as a transcriptional modulator. Pseudogenes of this gene are found on chromosomes 2 and 20.[provided by RefSeq, Mar 2010] |
| **Molecular Mass** | 12.8 kDa |
| **AA Sequence** | MEEYHRHCDEVGFNAEEAHNIVKECVDGVLGGEDYNHNNINQWTASIVEQSLTHLV KLGKAYKYIVTCAVVQKSAYGFHTASSCFWDTTSDGTCTVRWENRTMNCIVNVFAIA IVL |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production |

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| | Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **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

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| **Gene Name** | DYNLT3 dynein light chain Tctex-type 3 [ Homo sapiens (human) ] |
| **Official Symbol** | DYNLT3 |
| **Synonyms** | DYNLT3; dynein light chain Tctex-type 3; Dynein Light Chain Tctex-Type 3; Protein 91/23; TCTE1L; T-Complex-Associated-Testis-Expressed 1-Like; T-Complex-Associated Testis-Expressed 1-Like; TCTEX1L; TCTE1XL; RP3; dynein light chain Tctex-type 3; protein 91/23 |
| **Gene ID** | 6990 |
| **mRNA Refseq** | NM_006520 |
| **Protein Refseq** | NP_006511 |
| **MIM** | 300302 |
| **UniProt ID** | P51808 |

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