# Recombinant Human CDKL4 Protein, GST-Tagged

**Cat. No.** CDKL4-1051H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Human CDKL4 partial ORF (AAV63975, 196 a.a. - 295 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | CDKL4 (Cyclin Dependent Kinase Like 4) is a Protein Coding gene. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is CDKL1. |
| **Molecular Mass** | 36.63 kDa |
| **AA Sequence** | TGQPLWPGKSDVDQLYLIIRTLGKLIPRHQSIFKSNGFFHGISIPEPEDMETLEEKFSD VHPVALNFMKGCLKMNPDDRLTCSQLLESSYFDSFQEAQIK |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCI, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

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## GENE INFORMATION

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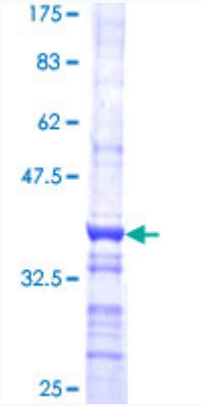
|---|---|
| **Gene Name** | CDKL4 cyclin-dependent kinase-like 4 [ Homo sapiens ] |
| **Official Symbol** | CDKL4 |
| **Synonyms** | CDKL4; cyclin-dependent kinase-like 4; |
| **Gene ID** | 344387 |
| **mRNA Refseq** | NM_001009565 |
| **Protein Refseq** | NP_001009565 |
| **UniProt ID** | Q5MAI5 |
| **Quality Control Testing** |   12.5% SDS-PAGE Stained with Coomassie Blue. |

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