

# Recombinant Full Length Human CPLX1 Protein, GST-tagged

**Cat. No.** CPLX1-2074HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CPLX1 full-length ORF ( AAH02471, 1 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 134 amino acids                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Proteins encoded by the complexin/synaphin gene family are cytosolic proteins that function in synaptic vesicle exocytosis. These proteins bind syntaxin, part of the SNAP receptor. The protein product of this gene binds to the SNAP receptor complex and disrupts it, allowing transmitter release. [provided by RefSeq, Jul 2008] |
| <b>Molecular Mass</b>   | 40.48 kDa                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MEFVMKQALGGATKDMGKMLGGDEEKDPDAAKKEEERQEALRQAEERKAKYAK<br>MEAEREAVRQGIRDKYGIKKKEEREAEAQAAMEANSEGLTRPKKAIPPGCGDEVE<br>EEDESILDTVIKYLPGPLQDMLKK                                                                                                                                                                                           |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                      |

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|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                          |
|------------------------|------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CPLX1 complexin 1 [ Homo sapiens ]                                                       |
| <b>Official Symbol</b> | CPLX1                                                                                    |
| <b>Synonyms</b>        | CPLX1; complexin 1; complexin-1; CPX I; synaphin 2; synaphin-2; complexin I; CPX1; CPX-I |
| <b>Gene ID</b>         | 10815                                                                                    |
| <b>mRNA Refseq</b>     | NM_006651                                                                                |
| <b>Protein Refseq</b>  | NP_006642                                                                                |
| <b>MIM</b>             | 605032                                                                                   |
| <b>UniProt ID</b>      | O14810                                                                                   |

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