

Recombinant Full Length Human CPLX1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CPLX1 full-length ORF (AAH02471, 1 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	134 amino acids
Description	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]
Molecular Mass	40.48 kDa
AA Sequence	MEFVMKQALGGATKDMGKMLGGDEEKDPDAAKKEEERQEALRQAEERKAKYAK MEAEREAVRQGIRDKYGIKKKEEREAEAQAAMEANSEGLTRPKKAIPPGCGDEVE EEDESILDTVIKYLPGPLQDMLKK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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

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

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