Recombinant Full Length Human CPLX2 Protein, GST-tagged

Cat. No. CPLX2-2075HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPLX2 full-length ORF (ADR82826.1, 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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	14.8 kDa
AA Sequence	MDFVMKQALGGATKDMGKMLGGEEEKDPDAQKKEEERQEALRQQEEERKAKHAR MEAEREKVRQQIRDKYGLKKKEEKEAEEKAALEQPCEGSLTRPKKAIPAGCGDEEE EEEESILDTVLKYLPGPLQDMFKK
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	CPLX2 complexin 2 [Homo sapiens]
Official Symbol	CPLX2
Synonyms	CPLX2; complexin 2; complexin-2; CPX 2; DKFZp547D155; CPX II; synaphin 1; synaphin-1; complexin II; CPX2; Hfb1; 921-L; CPX-2; MGC138492
Gene ID	10814
mRNA Refseq	NM_001008220
Protein Refseq	NP_001008221
MIM	605033
UniProt ID	Q6PUV4

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