

## Recombinant Human CPLX2, GST-tagged

Cat. No. CPLX2-11520H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CPLX2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-134a.a.
<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. Two transcript variants encoding the same protein have been found for this gene.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	CPLX2 complexin 2 [ Homo sapiens ]
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<b>Official Symbol</b>	CPLX2
<b>Synonyms</b>	CPLX2; complexin 2; complexin-2; CPX 2; DKFZp547D155; CPX II; synaphin 1; synaphin-1; complexin II; CPX2; Hfb1; 921-L; CPX-2; MGC138492;
<b>Gene ID</b>	10814
<b>mRNA Refseq</b>	NM_001008220
<b>Protein Refseq</b>	NP_001008221
<b>MIM</b>	605033
<b>UniProt ID</b>	Q6PUV4
<b>Chromosome Location</b>	5q35.2
<b>Pathway</b>	Synaptic vesicle cycle, organism-specific biosystem; Synaptic vesicle cycle, conserved biosystem;
<b>Function</b>	syntaxin-1 binding;

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