Recombinant Human CPLX2, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CPLX2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-134a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CPLX2 complexin 2 [Homo sapiens]

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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
Chromosome Location	5q35.2
Pathway	Synaptic vesicle cycle, organism-specific biosystem; Synaptic vesicle cycle, conserved biosystem;
Function	syntaxin-1 binding;

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