Recombinant Human CPLX2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPLX2-1108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPLX2 MS Standard C13 and N15-labeled recombinant protein (NP_001008221) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	15.4 kDa
AA Sequence	MDFVMKQALGGATKDMGKMLGGEEEKDPDAQKKEEERQEALRQQEEERKAKHAR MEAEREKVRQQIRDKYGLKKKEEKEAEEKAALEQPCEGSLTRPKKAIPAGCGDEEE EEEESILDTVLKYLPGPLQDMFKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

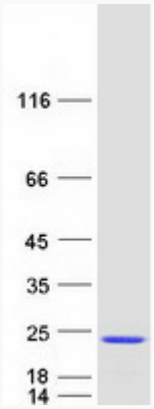
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CPLX2 complexin 2 [Homo sapiens (human)]
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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SDS-PAGE	

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