

## Complexin-1 Human Recombinant

<b>Item Number</b>	rAP-4419
<b>Synonyms</b>	CPLX-1, CPXI, CPX-I, CPX1, CPX-1, Synaphin2, Synaphin-2, Complexin-1, Complexin I, CPX I, CPLX1.
<b>Description</b>	CPLX1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 154 amino acids (1-134 a.a) and having a molecular mass of 17.1kDa (molecular weight on SDS-PAGE will appear higher).The CPLX1 is purified by proprietary
<b>Uniprot Accesion Number</b>	O14810
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MEFVMKQALG GATKDMGKML GGDEEKDPDA AKKEEERQEA LRQAEERKA KYAKMEAERE AVRQGIRDKYGIKKKEEERA EAQAAMEANS EGSLTRPKKA IPPGCGDEVE EEDESILDTV IKYLPGPLQD MLKK.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The CPLX1protein solution contains 20mM Tris-HCl pH-8 and 10% glycerol. Greater than 90% by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**