

## Product datasheet for **AR09105PU-L**

### Complexin-1 (1-134, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Complexin-1 (1-134, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MEFVMKQALG GATKDMGKML GGDEEKDPDA AKKEEERQEA LRQAEERKA KYAKMEAERE AVRQGIRDKY GIKKKEEREA EAQAAMEANS EGSLTRPKKA IPPGCGDEVE EEDESILDTV IKYLPGLQD MLKK
Tag:	His-tag
Predicted MW:	17.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant Complexin 1 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Note:	(Real molecular weight on SDS-PAGE will be shift up).
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_006642</u>
Locus ID:	10815
UniProt ID:	<u>O14810</u>
Cytogenetics:	4p16.3
Synonyms:	CPX-I; CPX1; DEE63; EIEE63



View online »

**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**