Recombinant Human CPLX1 Protein (Met1-Lys134), His tagged

Cat. No. CPLX1-1705H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CPLX1 (Met1-Lys134) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys134
Description	Positively regulates a late step in exocytosis of various cytoplasmic vesicles, such as synaptic vesicles and other secretory vesicles. Organizes the SNAREs into a cross-linked zigzag topology that, when interposed between the vesicle and plasma membranes, is incompatible with fusion, thereby preventing SNAREs from releasing neurotransmitters until an action potential arrives at the synapse. Also involved in glucose-induced secretion of insulin by pancreatic beta-cells. Essential for motor behavior.
Form	Lyophilized powder/frozen liquid
Molecular Mass	16.68 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	CPLX1 complexin 1 [Homo sapiens (human)]
Official Symbol	CPLX1
Synonyms	CPLX1; complexin 1; complexin-1; CPX I; synaphin 2; synaphin-2; complexin I; CPX1; CPX-I;
Gene ID	10815
mRNA Refseq	NM_006651
Protein Refseq	NP_006642
MIM	605032
UniProt ID	O14810

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