

Recombinant Full Length Human CLINT1 Protein, GST-tagged

Cat. No. CLINT1-2187HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLINT1 full-length ORF (NP_055481.1, 1 a.a. - 625 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	625 amino acids
Description	This gene encodes a protein with similarity to the epsin family of endocytic adapter proteins. The encoded protein interacts with clathrin, the adapter protein AP-1 and phosphoinositides. This protein may be involved in the formation of clathrin coated vesicles and trafficking between the trans-Golgi network and endosomes. Mutations in this gene are associated with a susceptibility to schizophrenia and psychotic disorders. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]
Molecular Mass	94.7 kDa
AA Sequence	MLNMWKVRELVDKATNVVMNYSEIESKVREATNDDPWGPSGQLMGEIAKATFMYE QFPELMNMLWSRMLKDNKKNWRRVYKSLLLLAYLIRNGSERVTSAREHIYDLRSL ENYHFVDEHGKDQGINIRQKVKELEFAQDDDLREERKKAKKNKDKYVGVSSDSV GGFRYSERYDPEPKSKWDEEWDKNKSAFPFSDKLGELSDKIGSTIDDTISKFRRKD REDSPERCSDSDEEKKARRGRSPKGEFKDEEETVTTKHIHITQATETTTTRHKRTAN PSKTIDLGAAAHYTGDKASPDQNASTHTPQSSVKTSVPSSKSSGDLVDFDGTSSQS

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TGGSADLFGGFADFGSAAASGSFPSQVTATSGNGDFGDWSAFNQAPSGPVASSG
 EFFGSASQPAVELVSGSQSALGPPPAASNSSDLFDLMGSSQATMTSSQSMNFSMM
 STNTVGLGLPMSRSQNTDMVQKSVSKTLPSTWSDPSVNISLDNLLPGMQPSKPQQ
 PSLNTMIQQQNMQQPMNVMTQSFGAVNLSSPSNMLPVRPQTNALIGGPMMPMSMP
 NVMTGTMGMAPLGNTPMMNQSMGMNMNIGMSAAGMGLTGTMGMGMPNIAMT
 SGTVQPKQDAFANFANFSK

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[CLINT1 clathrin interactor 1 \[Homo sapiens \]](#)

Official Symbol

[CLINT1](#)

Synonyms

CLINT1; clathrin interactor 1; CLINT; ENTH; EPNR; KIAA0171; epsinR; epsin 4;
 enthoproin; epsin-related protein; clathrin interacting protein localized in the trans-
 Golgi region; EPN4; FLJ46753

Gene ID

[9685](#)

mRNA Refseq

[NM_001195555](#)

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Protein Refseq	NP_001182484
MIM	607265
UniProt ID	Q14677

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