

Recombinant Human CLINT1 Protein, GST-tagged

Cat. No. CLINT1-1485H **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	Wheat Germ
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	MLNMWKVRELVDKATNVVMNYSEIESKVREATNDDPWGPSQQLMGEIAKATFMYE QFPELMNMLWSRMLKDNKKNWRRVYKSLLLLAYLIRNGSERVTSAREHIYDLRSL ENYHFVDEHGKDQGINIRQKVKEVEFAQDDRLREERKKAKKNKDKYVGVSSDSV GGFRYSERYDPEPKSKWDEEWDKNKSAPFSDKLGELSDKIGSTIDDTISKFRRKD REDSPERCSDSDEEKKARRGRSPKGEFKDEEETVTTKHIHITQATETTTTRHKRTAN PSKTIDLGAAAHYTGDKASPDQNASTHTPQSSVKTSVPSSKSSGDLVDLFDGTSQS TGGSADLFGGFADFGSAAASGSFSPQVTATSGNGDFGDWSAFNQAPSGPVASSG

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EFFGSASQPAVELVSGSQSALGPPPAASNSSDLFDLMGSSQATMTSSQSMNFSMM
STNTVGLGLPMSRSQNTDMVQKSVSKTLPSTWSDPSVNIISLDNLLPGMQPSKPQQ
PSLNTMIQQQNMQQPMNVMTQSFGAVNLSSPSNMLPVRPQTNALIGGPMPSMP
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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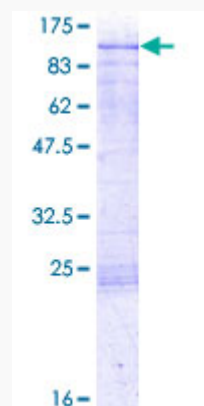
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Protein Refseq NP_001182484

MIM 607265

UniProt ID Q14677

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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