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	MLNMWKVRELVDKATNVVMNYSEIESKVREATNDDPWGPSGQLMGEIAKATFMYE QFPELMNMLWSRMLKDNKKNWRRVYKSLLLLAYLIRNGSERVVTSAREHIYDLRSL ENYHFVDEHGKDQGINIRQKVKELVEFAQDDDRLREERKKAKKNKDKYVGVSSDSV GGFRYSERYDPEPKSKWDEEWDKNKSAFPFSDKLGELSDKIGSTIDDTISKFRRKD REDSPERCSDSDEEKKARRGRSPKGEFKDEEETVTTKHIHITQATETTTTRHKRTAN PSKTIDLGAAAHYTGDKASPDQNASTHTPQSSVKTSVPSSKSSGDLVDLFDGTSQS TGGSADLFGGFADFGSAAASGSFPSQVTATSGNGDFGDWSAFNQAPSGPVASSG

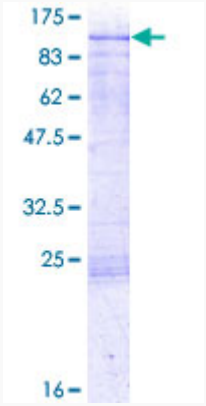
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	EFFGSASQPAVELVSGSQSALGPPPAASNSSDLFDLMGSSQATMTSSQSMNFSMM STNTVGLGLPMSRSQNTDMVQKSVSKTLPSTWSDPSVNISLDNLLPGMQPSKPQQ PSLNTMIQQQNMQQPMNVMTQSFGAVNLSSPSNMLPVRPQTNALIGGPMPMSMP NVMTGTMGMAPLGNTPMMNQSMMGMNMNIGMSAAGMGLTGTMGMGMPNIAMT SGTVQPKQDAFANFANFSK
Applications	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; enthoprotin; 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
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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