Recombinant Human CLTB Protein, GST-tagged

Cat. No. CLTB-1525H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLTB full-length ORF (AAH06457, 1 a.a. - 211 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. This gene encodes one of two clathrin light chain proteins which are believed to function as regulatory elements. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]
Molecular Mass	48.95 kDa
AA Sequence	MADDFGFFSSSESGAPEAAEEDPAAAFLAQQESEIAGIENDEGFGAPAGSHAAPAQ PGPTSGAGSEDMGTTVNGDVFQEANGPADGYAAIAQADRLTQEPESIRKWREEQR KRLQELDAASKVTEQEWREKAKKDLEEWNQRQSEQVEKNKINNRASEEAFVKESK EETPGTEWEKVAQLCDFNPKSSKQCKDVSRLRSVLMSLKQTPLSR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

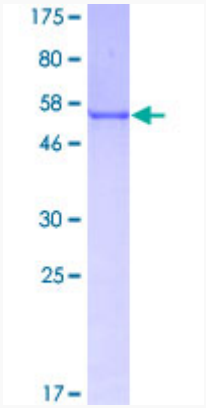
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CLTB clathrin, light chain B [Homo sapiens]
Official Symbol	CLTB
Synonyms	CLTB; clathrin, light chain B; clathrin, light polypeptide (Lcb); clathrin light chain B; Lcb; clathrin, light chain (Lcb); LCB;
Gene ID	1212
mRNA Refseq	NM_001834
Protein Refseq	NP_001825
MIM	118970
UniProt ID	P09497

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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