

Recombinant Full Length Human CLN3 Protein, GST-tagged

Cat. No. CLN3-1880HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLN3 full-length ORF (AAH02394.1, 1 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	438 amino acids
Description	This gene encodes a protein that is involved in lysosomal function. Mutations in this, as well as other neuronal ceroid-lipofuscinosis (CLN) genes, cause neurodegenerative diseases commonly known as Batten disease or collectively known as neuronal ceroid lipofuscinoses (NCLs). Many alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	73.92 kDa
AA Sequence	MGGCAGSRRRFSDSEGEETVPEPRLPLLDHQGAHWKNAVGFWLLGLCNNFSYVV MLSAAHDLISHKRTSGNQSHVDPGPTPIPHNSSSRFDCNSVSTA AVLADILPTLVIKL LAPLGLHLLPYSPRVLVSGICAAGSFVLVAFSHSVGTSLCGVVFASISSGLGEVTFLS LTAFYPRAVISWWSSGTGGAGLLGALS YLGLTQAGLSPQQTLTLLSMLGIPALLLASYFL LLTSPEAQDPGGEEEAESAARQPLIRTEAPESKPGSSSSLSLRERWTVFKGLLWYIV PLVVVYFAEYFINQGLFELLFFWNTSLSHAQQYRWYQMLYQAGVFASRSSLRCCRI RFTWALALLQCLNLVFLADVWFGFLPSIYLVFLIILYEGLLGGAAYVNTFHNIALETSD EHREFAMAATCISDTLGISLSGLLALPLHDFLCQLS

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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	CLN3 ceroid-lipofuscinosis, neuronal 3 [Homo sapiens]
Official Symbol	CLN3
Synonyms	CLN3; ceroid-lipofuscinosis, neuronal 3; Batten, Spielmeyer Vogt disease , BTS; battenin; JNCL; juvenile neuronal ceroid lipofuscinosis; batten disease protein; BTS; MGC102840
Gene ID	1201
mRNA Refseq	NM_000086
Protein Refseq	NP_000077
MIM	607042
UniProt ID	Q13286

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