

Recombinant Mouse Cln3 Protein, MYC/DDK-tagged

Cat. No. Cln3-902M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ceroid lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeyer-Vogt disease) (Cln3), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a transmembrane protein called battenin that is involved in lysosomal function. Mutations in this, as well as other neuronal ceroid-lipofuscinosis genes, cause a number of neurodegenerative diseases collectively known as neuronal ceroid lipofuscinoses, the most common of which is juvenile neuronal ceroid-lipofuscinosis (Batten disease). Alternate splicing results in multiple transcript variants.
Molecular Mass	47.7 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Cln3 ceroid lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeyer-Vogt disease) [Mus musculus (house mouse)]

Official Symbol Cln3

Synonyms Cln3; ceroid lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeyer-Vogt disease); AI323623; battenin

Gene ID 12752

mRNA Refseq NM_001146311

Protein Refseq NP_001139783

UniProt ID Q61124

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