

Product datasheet for **TP324971M**

CLN3 (NM_001042432) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Homo sapiens ceroid-lipofuscinosis, neuronal 3 (CLN3), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC224971 protein sequence
Red=Cloning site **Green**=Tags(s)

MGGCAGSRRRFSDEGEETVPEPRLPLLDHQGAHWKNAVGFLLGLCNNFSYVWMLSAAHDILSHKRTSG
NQSHVDPGPTPIPHNSSSRFDCNSVSTAAVLLADILPTLVIKLLAPLGLHLLPYSRVLVSGICAAGSFV
LVAFSHSVGTSLCGVVFASISSGLGEVTFSLTAFYPRAVISWWSSGTGGAGLLGALSYLGLTQAGLSPQ
QTLLSMLGIPALLLASYFLLLTSPQAQDPGEEEEAESARQPLIRTEAPESKPGSSSSLSLRERWTVFKG
LLWYIVPLVVVYFAEYFINQGLFELLFFWNTSLSHAQQYRWYQMLYQAGVFASRSSLRCCRIRFTWALAL
LQCLNLVFLADVWFGFLPSIYLVFLIILYEGLLGGAAYVNTFHNAIETSDEHREFAMAATCISDTLGI
SLSGLLALPLHDFLCQLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 47.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001035897](#)

Locus ID: 1201

UniProt ID: [Q13286](#), [A0A024QZB8](#)

RefSeq Size: 1915

Cytogenetics: 16p12.1

RefSeq ORF: 1314

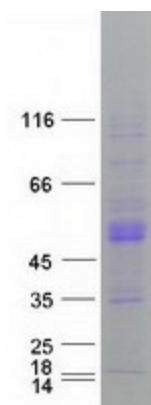
Synonyms: BTN1; BTS; JNCL

Summary: 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]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Lysosome

Product images:



Coomassie blue staining of purified CLN3 protein (Cat# [TP324971]). The protein was produced from HEK293T cells transfected with CLN3 cDNA clone (Cat# [RC224971]) using MegaTran 2.0 (Cat# [TT210002]).