

## Product datasheet for TP324971

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224971 protein sequence Red=Cloning site Green=Tags(s)
	<p>MGGCAGSRRRFS DSEGEETVPEPRLPLLDHQGAHWKNAVGFWLLGLCNNFSYVWMLSAAH DILSHKRTSG NQSHVDPGPTPIPHNSSRFD C NSVSTAAVLLADILPTLVIKLLAPLGLHLLPYSRVLVSGICAAGSFV LVAFSHSVGTSLCGVVFASISSGLGEVTFLSLTAFYPRAVISWWSSGTGGAGLLGALSYLGLTQAGLSPQ QTLLSMLGIPALLLASYFLLLT SPEAQDPGEEEEAESARQPLIRTEAPESKPGSSSSLSLRERWTVFKG LLWYIVPLVVVYFAEYFINQGLFELLFFWNTSLSHAQQYRWYQMLYQAGVFASRSSLRCCRIRFTWALAL LQCLNLVFLADVWFGFLPSIYLVFLIILYEGLLGGAAYVNTFHNIALETSDEHREFAMAATCISDTLGI SLSGLLALPLHDFLCQLS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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.



[View online »](#)

RefSeq: [NP\\_001035897](#)

Locus ID: 1201

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

RefSeq Size: 1915

Cytogenetics: 16p12.1

RefSeq ORF: 1314

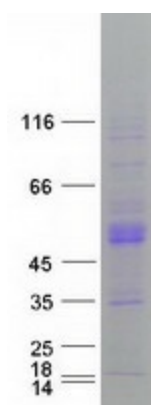
Synonyms: BTN1; BTS; JNCL

**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]).