OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP506982

Cln3 (NM_001146311) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ceroid lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeyer-Vogt disease) (Cln3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206982 protein sequence Red=Cloning site Green=Tags(s) MGSSAGSWRRLEDSEREETDSEPQAPRLDSRSVLWKNAVGFWILGLCNNFSYVVMLSAAHDILKQEQASG NQSHVEPGPTPTPHNSSSRFDCNSISTAAVLLADILPTLVIKLLAPLGLHLLPYSPRVLVSGVCSAGSFV LVAFSQSVGLSLCGVVLASISSGLGEVTFLSLTAFYPSAVISWWSSGTGGAGLLGSLSYLGLTQAGLSPQ HTLLSMLGIPVLLLASYFLLLTSPEPLDPGGENEAETAARQPLIGTETPESKPGASWDLSLQERWTVFKG LLWYIIPLVLVYFAEYFINQGLFELLFFRNTSLSHAQQYRWYQMLYQAGVFASRSSLQCCRIRFTWVLAL LQCLNLALLLADVCLNFLPSIYLIFIIILYEGLLGGAAYVNTFHNIALETSDKHREFAMEAACISDTLGI SLSGVLALPLHDFLCHLP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	47.7 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001139783

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Locus ID:	12752
UniProt ID:	Q61124
RefSeq Size:	2487
Cytogenetics:	7 69.16 cM
RefSeq ORF:	1317
Synonyms:	AI323623; batt
Summary:	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. [provided by RefSeq, Aug 2016]