Recombinant Human CLN6 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CLN6-112H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CLN6 MS Standard C13 and N15-labeled recombinant protein (NP_060352) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is one of eight which have been associated with neuronal ceroid lipofuscinoses (NCL). Also referred to as Batten disease, NCL comprises a class of autosomal recessive, neurodegenerative disorders affecting children. The genes responsible likely encode proteins involved in the degradation of post-translationally modified proteins in lysosomes. The primary defect in NCL disorders is thought to be associated with lysosomal storage function.
Molecular Mass	35.9 kDa
AA Sequence	MEATRRRQHLGATGGPGAQLGASFLQARHGSVSADEAARTAPFHLDLWFYFTLQN WVLDFGRPIAMLVFPLEWFPLNKPSVGDYFHMAYNVITPFLLLKLIERSPRTLPRSITY VSIIIFIMGASIHLVGDSVNHRLLFSGYQHHLSVRENPIIKNLKPETLIDSFELLYYYDEY LGHCMWYIPFFLILFMYFSGCFTASKAESLIPGPALLLVAPSGLYYWYLVTEGQIFILFI FTFFAMLALVLHQKRKRLFLDSNGLFLFSSFALTLLLVALWVAWLWNDPVLRKKYPG VIYVPEPWAFYTLHVSSRHTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

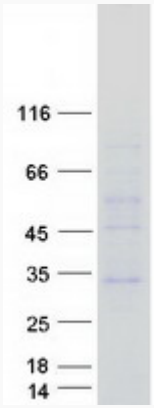
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CLN6 CLN6 transmembrane ER protein [Homo sapiens (human)]
Official Symbol	CLN6
Synonyms	CLN6; CLN6 transmembrane ER protein; CLN4A; HsT18960; nclf; ceroid-lipofuscinosis neuronal protein 6; ceroid-lipofuscinosis neuronal 6 late infantile; ceroid-lipofuscinosis, neuronal 6, late infantile
Gene ID	54982
mRNA Refseq	NM_017882
Protein Refseq	NP_060352
MIM	606725
UniProt ID	Q9NWW5

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SDS-PAGE	

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