

Product datasheet for PH301904

CLN6 (NM_017882) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CLN6 MS Standard C13 and N15-labeled recombinant protein (NP_060352)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201904
Predicted MW:	35.9 kDa
Protein Sequence:	<p>>RC201904 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEATRRRQHLGATGGPGAQLGASFLQARHGVSVADEAARTAPFHLDLWFYFTLQNWVLDGRPIAMLVFP LEWFPLNKPSVGDFHMAYNVITPFLLLKLIERSPRTLPRSITYYSIIIFIMGASIHVGDVSNHRLIFS GYQHHLVRENPIIKNLKPETLIDSFELLYYDEYLGHCWYIPFFLILFMYFSGCFTASKAESLIPGPA LLLVAPSGLYYWYLVTEGQIFILFIFTFFAMLALVLHQKRKRLFLDSNGLFLFSSFALTLLVALWVAWL WNDPVLRRKKYPGVIYVPEPWAFTLHVSSRH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060352
RefSeq Size:	2258
RefSeq ORF:	933
Synonyms:	CLN4A; HsT18960; nclf
Locus ID:	54982


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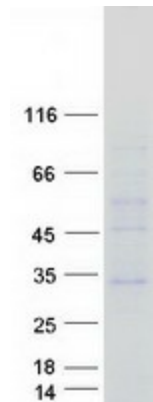
UniProt ID: Q9NWW5, A0A024R601

Cytogenetics: 15q23

Summary: 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. [provided by RefSeq, Oct 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CLN6 protein (Cat# [TP301904]). The protein was produced from HEK293T cells transfected with CLN6 cDNA clone (Cat# [RC201904]) using MegaTran 2.0 (Cat# [TT210002]).