

Recombinant Full Length Human CLN5 Protein, GST-tagged

Cat. No. CLN5-1882HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLN5 full-length ORF (BAG52069.1, 1 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	358 amino acids
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.[provided by RefSeq, Oct 2008]
Molecular Mass	67.8 kDa
AA Sequence	MAQEVDTAQGAEMRRGAGAARGRASWCWALALLWLAVVPGWSRVSGIPSRRH WVPCCKRFDFRPKPDYPYCQAKYTFCTGSPVMEGDDDEVFRLQAPVWEFKYGD LGHLMKIMHDAIGFRSTLTGKNYTMWYELFQLGNCTFPHLRPEMDAPFWCNQGA ACFFEGIDDVHWKENGTLVQVATISGNMFNQMAKWVKQDNETGIYYETWNVKASPE KGAETWFDSYDCSKFVLRTFNKLAIEFGAEFKNIETNYTRIFLYSGEPTYLGNETS VFGPTGNKTLGLAIKRFYYPFKPHLPTKEFLLSLLQIFDAVIVHKQFYLFYNFEY WFLPMKF PFIKITYEEIPLPIRNKTL SGL

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CLN5 CLN5, intracellular trafficking protein [Homo sapiens (human)]
Official Symbol	CLN5
Synonyms	CLN5; CLN5, intracellular trafficking protein; Ceroid-Lipofuscinosis, Neuronal 5; Ceroid-Lipofuscinosis Neuronal Protein 5; Protein CLN5; NCL; ceroid-lipofuscinosis neuronal protein 5; ceroid-lipofuscinosis, neuronal 5
Gene ID	1203
mRNA Refseq	NM_006493
Protein Refseq	NP_006484
MIM	608102
UniProt ID	O75503

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