

Recombinant Human CLN5 Protein, GST-tagged

Cat. No. CLN5-1506H **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	Wheat Germ
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	MAQEVDTAQGAEMRRGAGAARGRASWCWALALLWLAVVPGWSRVSGIPSRRHWPVPCRFRDFRPKPDYPYCQAKYTFCTGSPVMEGDDDETFRLQAPVWEFKYGDLLGHLKIMHDAIGFRSTLTGKNYTMWEYELFQLGNCTFPHLRPEMDAPFWCNQGAACFFEGIDDVHWKENGTLVQVATISGNMFNQMAKWVKQDNETGIYYETWNVKASPEKGAETWFDSYDCSKFVLRTFNKLAIEFGAEFKNIETNYTRIFLYSGEPTYLGNETSVFGPTGNKTLGLAIKRFYYPFKPHLPTKEFLLSLLQIFDAVIVHKQFYLFYNFEYWFLPMKFPFIKITYEEIPLPIRNKTLTSL
Applications	Enzyme-linked Immunoabsorbent Assay

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	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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