

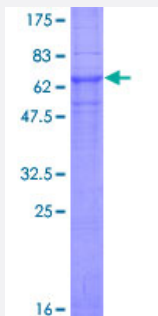
Full-Length

CLN3 (Human) Recombinant Protein (P01)

Catalog # H00001201-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CLN3 full-length ORF (AAH02394.1, 1 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGGCAGSRRRFSDSEGEETVPEPRLPLLDHQQAHWKNAVGFWLLGLCNNFSYVVMLSAAHDIL
SHKRTSGNQSHVDPGPTPIPHNSSSRFDCNSVSTAALLADILPTLVIKLLAPLGLHLLPYSPRVLV
SGICAAGSFVLVAFSHSVGTSLCGVVFASISSGLGEVTFLSLTAFYPRAVISWWSSGTGGAGLLG
ALSYLGLTQAGLSPQQTLLSMLGIPALLASYFLLLTSPQAQDPGGEEEAESAARQPLIRTEAPES
KPGSSSSLSLRERWTVFKGLLWYVPLVVVYFAEYFINQGLFELLFFWNTSLSHAQQYRWYQMLY
QAGVFASRSSLRCCRIRFTWALALLQCLNLVFLADVWFGFLPSYLVFLIILYEGLLGAAAYVNTFH
NIALETSDEHREFAMAATCISDTLGISLSGLLALPLHDFLCQLS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.92

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CLN3

Entrez GeneID [1201](#)

GeneBank Accession# [BC002394](#)

Protein Accession# [AAH02394.1](#)

Gene Name CLN3

Gene Alias BATTENIN, BTS, JNCL, MGC102840

Gene Description ceroid-lipofuscinosis, neuronal 3

Omim ID [204200 607042](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is involved in lysosomal function. Mutations in this, as well as other neuronal ceroid-lipofuscinosis (CLN) genes, cause neurodegenerative diseases commonly known as Batten disease or collectively known as neuronal ceroid lipofuscinoses (NCLs). Many alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

Other Designations -

Pathway

- [Lysosome](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Mental Disorders](#)
- [Neuronal Ceroid-Lipofuscinoses](#)
- [Psychiatric Status Rating Scales](#)