

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



CLN1 (I65) Peptide

Cat No.: BS2843P

Background

CLN1 (ceroid lipofuscinosis 1), also known as PPT, INCL or PPT1 (palmitoylprotein thioesterase 1), is a 306 amino acid glycosylated protein that localizes to lysosome and is a member of the palmitoyl-protein thioesterase family. CLN1 functions to remove thioester-linked fatty acyl groups from a variety of substrates, such as palmitate, from modified cysteine residues in proteins or peptides during lysosomal degradation. Defects in the gene encoding CLN1 are a cause of infantile neuronal ceroid lipofuscinosis 1 (CLN1 or INCL) and neuronal ceroid lipofuscinosis 4 (CLN4). Neuronal ceroid lipofuscinoses are progressive neurodegenerative, lysosomal storage diseases characterized by intracellular accumulation of autofluorescent liposomal material, with clinical symptoms including seizures, dementia, visual loss and/or cerebral atrophy.

Swiss-Prot

P50897

Applications

Blocking

Specificity

This peptide can be used with studies using BS2843 CLN1 (I65) pAb.

Purification & Purity

Synthetic peptide CLN1 (I65). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.