

Recombinant Human CTSD

Catalog No: #GP10254



Package Size: #GP10254-1 100ug

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Description

Product Name	Recombinant Human CTSD
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 169-412 amino acids of human CTSD
Target Name	cathepsin D
Other Names	CPSD; CLN10; HEL-S-130P
Accession No.	Swissprot:P07339Gene Accession:BC016320
Uniprot	P07339
GeneID	1509;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the A1 family of peptidases. The encoded preproprotein is proteolytically processed to generate multiple protein products. These products include the cathepsin D light and heavy chains, which heterodimerize to form the mature enzyme. This enzyme exhibits pepsin-like activity and plays a role in protein turnover and in the proteolytic activation of hormones and growth factors. Mutations in this gene play a causal role in neuronal ceroid lipofuscinosis-10 and may be involved in the pathogenesis of several other diseases, including breast cancer and possibly Alzheimer's disease.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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