

Recombinant Human CTSB

Catalog No: #GP10253



Package Size: #GP10253-1 100ug

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Description

Product Name	Recombinant Human CTSB
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 80-333 amino acids of human cathepsin B
Target Name	cathepsin B
Other Names	APPS, CPSB
Accession No.	Swissprot:P07858Gene Accession:BC010240
Uniprot	P07858
GeneID	1508;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a lysosomal cysteine proteinase composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. It is also known as amyloid precursor protein secretase and is involved in the proteolytic processing of amyloid precursor protein (APP). Incomplete proteolytic processing of APP has been suggested to be a causative factor in Alzheimer disease, the most common cause of dementia. Overexpression of the encoded protein, which is a member of the peptidase C1 family, has been associated with esophageal adenocarcinoma and other tumors. At least five transcript variants encoding the same protein have been found for this gene.

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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