

Recombinant Human CTSH Protein, MYC/DDK-tagged

Cat. No. CTSH-3371H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTSH protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of this gene has been correlated with malignant progression of prostate tumors. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CTSH cathepsin H [Homo sapiens]
Official Symbol	CTSH
Synonyms	ACC-4; ACC-5; ACC4; ACC5; CPSB
Gene ID	1512
mRNA Refseq	NM_004390
Protein Refseq	NP_004381
MIM	116820
UniProt ID	P09668

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