

Recombinant Mouse Ctsb

Cat. No. Ctsb-8331M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ctsb was expressed in NSO Cells.
Species	Mouse
Source	Mammalian Cells
Description	Cathepsin B is a typical lysosomal cysteine proteinase that might play a role in tumor growth and angiogenesis. Cathepsin B may play a functional role in malignant progression and studies show its expression is a prognostic indicator in colon carcinoma. Cathepsins B also play an important role in the pathogenesis of periodontitis.
Molecular Mass	The predicted molecular weight of Recombinant Mouse is Mr 43 kDa.
AA Sequence	hdkpsfhpls ddlinyinkq nttwqagrnf ynvdisylkk lcgvlggpk lpgrvafged idlpetfdar eqwsncptig qirdqgscgs cwafgaveai sdrctihtng rnvvevsaed lltccgiqcg dgcnggypsg awsfwtkgl vsggvynshv gclpytippc ehvngsrpp ctgedtprc nksceagysp sykedkhfgy tsysvsnsvk eimaeiykng pvegaftvfs dflytksgvy kheagdmegg hairilgwgvg engvpywlaa nswldwgdg gffkilrgen hcgieseiva giprtdqywg rfhhhhhhhh hh
Endotoxin	<1.0 eu/μg as determined by the lal>
Purity	>95% by SDS-PAGE and analyzed by silver stain.

GENE INFORMATION

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Gene Name	Ctsb cathepsin B [Mus musculus]
Official Symbol	Ctsb
Synonyms	CTSB; cathepsin B; cathepsin B1; CB;
Gene ID	13030
mRNA Refseq	NM_007798
Protein Refseq	NP_031824
Pathway	Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; thyroid hormone biosynthesis, conserved biosystem;
Function	cysteine-type endopeptidase activity; cysteine-type peptidase activity; endopeptidase activity; hydrolase activity; kininogen binding; peptidase activity; peptide binding; protein complex binding; protein self-association;

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