

Recombinant Mouse Cela3b protein, His-tagged

Cat. No. Cela3b-125M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cela3b fused with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, elastase 3B has little elastolytic activity. Like most of the human elastases, elastase 3B is secreted from the pancreas as a zymogen and, like other serine proteases such as trypsin, chymotrypsin and kallikrein, it has a digestive function in the intestine.
Form	Lyophilized from PBS, pH 7.4, 5% trehalose, 0.01% sarcosyl
Molecular Mass	27.4 kDa
Purity	Greater than 95%
Storage	Store at +4 centigrade for up to 1 month, or aliquot and store at -80 centigrade for up to 12 months. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Gene Name	Cela3b chymotrypsin-like elastase family, member 3B [<i>Mus musculus</i>]
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Official Symbol	Cela3b
Synonyms	CELA3B; chymotrypsin-like elastase family, member 3B; chymotrypsin-like elastase family member 3B; protease E; elastase-3B; elastase IIIB; elastase 3, pancreatic; elastase 3B, pancreatic; Ela3; Ela3b; AI504000; 0910001F22Rik; 2310074F01Rik;
Gene ID	67868
mRNA Refseq	NM_026419
Protein Refseq	NP_080695
MIM	
UniProt ID	Q9CQ52
Chromosome Location	4 D3; 4 69.9 cM
Pathway	Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem;
Function	hydrolase activity; peptidase activity; serine-type peptidase activity;