Recombinant Full Length Human CELA2B Protein, GST-tagged

Cat. No. CELA2B-4719HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ELA2B full-length ORF (NP_056933.2, 1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	269 amino acids
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. Like most of the human elastases, elastase 2B is secreted from the pancreas as a zymogen. In other species, elastase 2B has been shown to preferentially cleave proteins after leucine, methionine, and phenylalanine residues. [provided by RefSeq, Jul 2008]
Molecular Mass	55.2 kDa
AA Sequence	MIRTLLLSTLVAGALSCGVSTYAPDMSRMLGGEEARPNSWPWQVSLQYSSNGQWY HTCGGSLIANSWVLTAAHCISSSGIYRVMLGQHNLYVAESGSLAVSVSKIVVHKDWN SDQVSKGNDIALLKLANPVSLTDKIQLACLPPAGTILPNNYPCYVTGWGRLQTNGAL PDDLKQGRLLVVDYATCSSSGWWGSTVKTNMICAGGDGVICTCNGDSGGPLNCQA SDGRWEVHGIGSLTSVLGCNYYYKPSIFTRVSNYNDWINSVIANN
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CELA2B chymotrypsin like elastase family member 2B [Homo sapiens (human)]
Official Symbol	CELA2B
Synonyms	CELA2B; chymotrypsin like elastase family member 2B; ELA2B; chymotrypsin-like elastase family member 2B; RP11-265F14.2; elastase 2B; pancreatic elastase IIB (ELA2B); EC 3.4.21.71; Chymotrypsin Like Elastase Family Member 2B; EC 3.4.21.71; ELA2B; Chymotrypsin-Like Elastase Family, Member 2B; Chymotrypsin-Like Elastase Family Member 2B; Pancreatic Elastase IIB (ELA2B); Pancreatic Elastase IIB; RP11-265F14.2; Elastase 2B; Elastase-2B; EC 3.4.21
Gene ID	51032
mRNA Refseq	NM_015849
Protein Refseq	NP_056933
MIM	609444

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UniProt ID	P08218

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