

Recombinant Human CELA2A Protein, GST-tagged

Cat. No. CELA2A-3223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ELA2A full-length ORF (AAH07031, 1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 2A is secreted from the pancreas as a zymogen. In other species, elastase 2A has been shown to preferentially cleave proteins after leucine, methionine, and phenylalanine residues. [provided by RefSeq, May 2009]
Molecular Mass	55.33 kDa
AA Sequence	MIRLLLLSTLVAGALSCGDPTYPYPVTRVVGEEARPNSWPWRVSLQYSSNGKWY HTCGGSLIANSWVLTAAHCISSSRTYRVGLGRHNLVAESGSLAVSVKIVVHKDWN SNQISKGNIDIALKLNPVSLTDKIQLACLPPAGTILPNNYPCYVTGWGRLQTNGAVP DVLQQGRLLVVDYATCSSSAWWGSSVKTSMICAGGDGVISSCNGDSGGPLNCQAS DGRWQVHGIVSFGSRLGCNYYHKPSVFTRVSNYIDWINSVIANN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	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	CELA2A chymotrypsin like elastase family member 2A [Homo sapiens (human)]
Official Symbol	CELA2A
Synonyms	CELA2A; chymotrypsin like elastase family member 2A; Chymotrypsin Like Elastase Family Member 2A; EC 3.4.21.71; Elastase 2A; ELA2A; Chymotrypsin-Like Elastase Family, Member 2A; Chymotrypsin-Like Elastase Family Member 2A; Pancreatic Elastase IIA; Pancreatic Elastase 2; Elastase-2A; EC 3.4.21; PE-1; chymotrypsin-like elastase family member 2A; elastase 2A; pancreatic elastase 2; pancreatic elastase IIA; EC 3.4.21.71
Gene ID	63036
mRNA Refseq	NM_033440
Protein Refseq	NP_254275
MIM	609443
UniProt ID	P08217

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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