

Recombinant Human CELA1 cell lysate

Cat. No. CELA1-547HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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, pancreatic elastase 1 is not expressed in the pancreas. To date, elastase 1 expression has only been detected in skin keratinocytes. Clinical literature that describes human elastase 1 activity in the pancreas or fecal material is actually referring to chymotrypsin-like elastase family, member 3B.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CELA1 chymotrypsin-like elastase family, member 1 [Homo sapiens]
Official Symbol	CELA1
Synonyms	CELA1; chymotrypsin-like elastase family, member 1; ELA1, elastase 1, pancreatic;

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	chymotrypsin-like elastase family member 1; elastase-1; pancreatic elastase 1; elastase 1, pancreatic; ELA1;
Gene ID	1990
mRNA Refseq	NM_001971
Protein Refseq	NP_001962
MIM	130120
UniProt ID	Q9UNI1
Chromosome Location	12q13
Function	metal ion binding; peptidase activity; serine-type endopeptidase activity;

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