

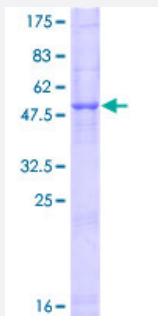
Full-Length

ELA2B (Human) Recombinant Protein (P01)

Catalog # H00051032-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ELA2B full-length ORF (NP_056933.2, 1 a.a. - 269 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MIRTLALLSTLVAGALSCGVSTYAPDMSRMLGGEEARPNSWPWQVSLQYSSNGQWYHTCGGSLIANSWVLTAAHCISSSGYRVMLGQHNLVAESGSLAVSVSKIVHKDWNVDQVSKGNDIALLLKLANPVSLTDKIQLACLPAGTILPNNYPCYVTGWGRLQTNGALPDDLKQGRLLVVDYATCSSSGWWGSTVKTNMICAGGDGVICTCNGDSGGPLNCQASDGRWEVHGIGSLTSVLGCNYYYKPSIFTRVSNYNDWINSVIANN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	55.2
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RP11-265F14.2

Entrez GeneID	51032
GeneBank Accession#	NM_015849.2
Protein Accession#	NP_056933.2
Gene Name	RP11-265F14.2
Gene Alias	ELA2B, MGC142100, MGC142102, MGC97052
Gene Description	elastase 2B
Omim ID	609444
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000002327 pancreatic elastase IIB (ELA2B)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)

- [Occupational Diseases](#)