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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ELA1 (Human) Recombinant Protein (P01)

Catalog Number: H00001990-P01

Regulation Status: For research use only (RUO)

Product Description: Human ELA1 full-length ORF (NP_001962.3, 1 a.a. - 258 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLVLYGHSTQDLPETNARVVGTEAGRNSWPSQISL
QYRSGGSRYHTCGGTLIRQNWVMTAAHCVDYQKTFR
VVAGDHNLSQNDGTEQYVSVQKIVVHPYWNSDNVAA
GYDIALRLAQSRTLNSYVQLGVLPQEGAILANNSPCYI
TGWGKTKTNGQLAQLQAYLPSVDYAICSSSSYWG
STVKNTMVCAGGDGVRSGCQGDSSGGLHCLVNGKY
SVHGVTSFVSSRGCNVRKPTVFTQVSAYISWINNVIA
SN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 54.2

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 1990

Gene Symbol: ELA1

Gene Alias: -

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. 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. [provided by RefSeq]