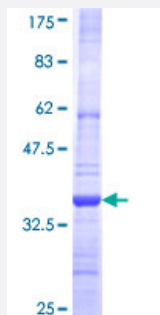


CPA1 (Human) Recombinant Protein (Q01)

Catalog # H00001357-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CPA1 partial ORF (NP_001859, 293 a.a. - 369 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VKDHGNIKAFISIHSYSQLLMYPYGYKTEPVPDQDELDSLKAAVTALASLYGTFKNYGSIIKAIYQAS GSTIDWTY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.21
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 — CPA1

Entrez GeneID	1357
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GeneBank Accession#	NM_001868
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Protein Accession#	NP_001859
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Gene Name	CPA1
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Gene Alias	CPA
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Gene Description	carboxypeptidase A1 (pancreatic)
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Omim ID	114850
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Gene Ontology	Hyperlink
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Gene Summary	Three different forms of human pancreatic procarboxypeptidase A have been isolated. This gene encodes a monomeric pancreatic exopeptidase involved in zymogen inhibition. [provided by Ref Seq]
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Other Designations	pancreatic carboxypeptidase A1
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