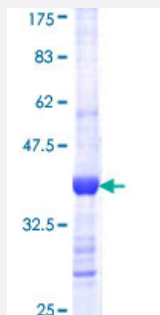


# CAPZA1 (Human) Recombinant Protein (Q01)

Catalog # H00000829-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human CAPZA1 partial ORF ( NP_006126, 82 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	LGNSRFLDPRNKISFKFDHLRKEASDPQPEEADGGLKSWRESCDSALRAYVKDHYSNGFCTVYA KTIDGQQTIACIESHQFQPKNFWN
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.53
<b>Interspecies Antigen Sequence</b>	Mouse (97); Rat (97)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — CAPZA1

Entrez GeneID	<a href="#">829</a>
GeneBank Accession#	<a href="#">NM_006135</a>
Protein Accession#	<a href="#">NP_006126</a>
Gene Name	CAPZA1
Gene Alias	CAPPA1, CAPZ, CAZ1
Gene Description	capping protein (actin filament) muscle Z-line, alpha 1
Omim ID	<a href="#">601580</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	CAPZA1 is a member of the F-actin capping protein alpha subunit family. This gene encodes the alpha subunit of the barbed-end actin binding protein. The protein regulates growth of the actin filament by capping the barbed end of growing actin filaments. [provided by RefSeq
Other Designations	Cap Z[F-actin capping protein alpha-1 subunit]OTTHUMP00000013512