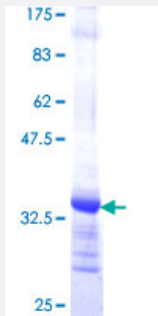


CAPZA2 (Human) Recombinant Protein (Q01)

Catalog # H00000830-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CAPZA2 partial ORF (NP_006127, 111 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CEVENAVESWRTSVETALRAYVKEHYPNGVCTVYGKKIDGQQTTIACIESHQFQAKNFW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.23
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — CAPZA2

Entrez GeneID	830
GeneBank Accession#	NM_006136
Protein Accession#	NP_006127
Gene Name	CAPZA2
Gene Alias	CAPPA2, CAPZ
Gene Description	capping protein (actin filament) muscle Z-line, alpha 2
Omim ID	601571
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the F-actin capping protein alpha subunit family. It is the alpha subunit of the barbed-end actin binding protein Cap Z. By capping the barbed end of actin filaments, Cap Z regulates the growth of the actin filaments at the barbed end. [provided by RefSeq]
Other Designations	F-actin capping protein alpha-2 subunit