

Recombinant Full Length Human CAPZA3 Protein, GST-tagged

Cat. No. CAPZA3-2852HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAPZA3 full-length ORF (AAH16745.1, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	299 amino acids
Description	This gene encodes an actin capping protein, one of the F-actin capping protein alpha subunit family. The encoded protein is predominantly localized to the neck region of ejaculated sperm, other immunohistochemical signals were found in the tail and postacrosomal regions. The encoded protein may also form heterodimers of alpha and beta subunits. This protein may be important in determining sperm architecture and male fertility. [provided by RefSeq, Jul 2008]
Molecular Mass	61.5 kDa
AA Sequence	MTLSVLSRKDKERVIRLLLLQAPPGEFVNAFDDLCLLIRDEKLMHHQGECAGHQHC QKYSVPLCIDGNPVLLSHHNVMGDYRFFDHQSKLSFKYYLLQNQLKDIQSHGIIQNE AEYLRVVLLCALKLYVNDHYPKGNCNMLRKT VKSKEYLIACIEDHNYETGECWNGL WKS KWIFQVNPFLTQVTGRIFVQAHFFRCVNLHIEISKDLKESLEIVNQAQLALSFARL VEEQENKFQAAVLEELQELSNEALRKILRRDLPVTRTLIDWHRILSDLNLVMYPKLG Y VIYSRSVLCNWII

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CAPZA3 capping protein (actin filament) muscle Z-line, alpha 3 [Homo sapiens]
Official Symbol	CAPZA3
Synonyms	CAPZA3; capping protein (actin filament) muscle Z-line, alpha 3; F-actin-capping protein subunit alpha-3; CAPPA3; Gsg3; CP-alpha-3; CapZ alpha-3; germ cell-specific protein 3; F-actin capping protein alpha-3 subunit;
Gene ID	93661
mRNA Refseq	NM_033328
Protein Refseq	NP_201585
MIM	608722
UniProt ID	Q96KX2