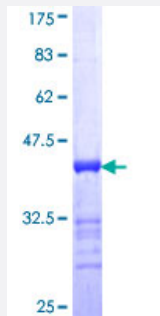


AKAP4 (Human) Recombinant Protein (Q01)

Catalog # H00008852-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human AKAP4 partial ORF (NP_003877, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MMAYSDTTMMSDDIDWLRSHRGVCKVDLYNPEGQQDQDRKVICFVDVSTLNVEDKDYKDAASS SSEGNLNLGSLEEKEIVIKDTEKKDQSKTEGSVCLF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (84); Rat (81)
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 — AKAP4

Entrez GeneID [8852](#)

GeneBank Accession# [NM_003886](#)

Protein Accession# [NP_003877](#)

Gene Name AKAP4

Gene Alias AKAP82, FSC1, HI, hAKAP82, p82

Gene Description A kinase (PRKA) anchor protein 4

Omim ID [300185](#)

Gene Ontology [Hyperlink](#)

Gene Summary The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is localized to the sperm flagellum and may be involved in the regulation of sperm motility. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations A-kinase anchor protein 4|A-kinase anchor protein 82 kDa|OTTHUMP00000023288|OTTHUMP0000023289|protein kinase A anchoring protein 4|testis-specific gene HI