

Recombinant Human AKAP1 Protein, GST-tagged

Cat. No. AKAP1-395H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AKAP1 partial ORF (NP_003479, 806 a.a. - 903 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 binds to type I and type II regulatory subunits of PKA and anchors them to the mitochondrion. This protein is speculated to be involved in the cAMP-dependent signal transduction pathway and in directing RNA to a specific cellular compartment. [provided by RefSeq, Jul 2008]
Molecular Mass	36.52 kDa
AA Sequence	VLRQIRSDFVTLPFQGAEVLLDSVMPLSDDDQFSPEADAAMSEMTGNTALLAQVTS YSPTGLPLIQLWSVVGDEVVLINRSLVERGLAQWVDSYYTSL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

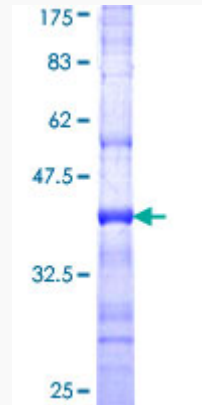
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	AKAP1 A kinase (PRKA) anchor protein 1 [Homo sapiens]
Official Symbol	AKAP1
Synonyms	AKAP1; A kinase (PRKA) anchor protein 1; PRKA1; A-kinase anchor protein 1, mitochondrial; AKAP84; AKAP121; AKAP149; D AKAP1; dual specificity A kinase anchoring protein 1; PPP1R43; protein kinase anchoring protein 1; protein phosphatase 1; regulatory subunit 43; S AKAP84; SAKAP84; AKAP 149; D-AKAP-1; protein kinase A1; A-kinase anchor protein 149 kDa; protein kinase A anchoring protein 1; spermatid A-kinase anchor protein 84; protein phosphatase 1, regulatory subunit 43; dual-specificity A-kinase anchoring protein 1; AKAP; D-AKAP1; MGC1807;
Gene ID	8165
mRNA Refseq	NM_001242902
Protein Refseq	NP_001229831
MIM	602449
UniProt ID	Q92667

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12.5% SDS-PAGE Stained with Coomassie Blue.

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