Recombinant Rat Akap1, His-tagged

Cat. No. Akap1-3019R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A-kinase anchor protein 1, mitochondrial (Akap1)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	854
Description	scaffolding protein that immobilizes and concentrates protein kinase A II (PKAII) isoforms at specific intracellular locations .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Akap1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	Akap1 A kinase (PRKA) anchor protein 1 [Rattus norvegicus]
Official Symbol	Akap1
Synonyms	AKAP1; A kinase (PRKA) anchor protein 1; A-kinase anchor protein 1, mitochondrial; PRKA1; AKAP 121; D-AKAP-1; S-AKAP84; A-kinase anchor protein 121 kDa; protein kinase A-anchoring protein 1; spermatid A-kinase anchor protein 84; a kinase anchor protein 1, mitochondrial; dual specificity A-kinase-anchoring protein 1; Akap84;
Gene ID	114124
mRNA Refseq	NM_053665
Protein Refseq	NP_446117
Pathway	G Protein Signaling Pathways, organism-specific biosystem;
Function	RNA binding; beta-tubulin binding; microtubule binding; protein complex scaffold; protein domain specific binding; protein kinase A regulatory subunit binding; protein kinase binding; protein phosphatase 2B binding; protein phosphatase binding;

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