

Recombinant Human AKAP10, His-tagged

Cat. No. AKAP10-3022H Lot. No. (See product label)

SPECIFICATION

Product Overview	A-kinase anchor protein 10, mitochondrial (AKAP10)
Species	Human
Source	E.Coli/Yeast
ProteinLength	662
Description	<p>This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins bind to the regulatory subunits of protein kinase A (PKA) and confine the holoenzyme to discrete locations within the cell. The encoded protein is localized to mitochondria and interacts with both the type I and type II regulatory subunits of PKA. Polymorphisms in this gene may be associated with increased risk of arrhythmias and sudden cardiac death. [provided by RefSeq, May 2012]</p>
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	<p>Small volumes of AKAP10 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.</p>

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Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
GENE INFORMATION	
Gene Name	AKAP10 A kinase (PRKA) anchor protein 10 [Homo sapiens]
Official Symbol	AKAP10
Synonyms	AKAP10; A kinase (PRKA) anchor protein 10; A-kinase anchor protein 10, mitochondrial; D AKAP2; dual specificity A kinase anchoring protein 2; MGC9414; mitochondrial A kinase PPKA anchor protein 10; PRKA10; protein kinase A anchoring protein 10; AKAP-10; D-AKAP-2; protein kinase A-anchoring protein 10; a kinase anchor protein 10, mitochondrial; dual specificity A kinase-anchoring protein 2; dual-specificity A-kinase anchoring protein 2; D-AKAP2;
Gene ID	11216
mRNA Refseq	NM_007202
Protein Refseq	NP_009133
MIM	604694
UniProt ID	O43572
Chromosome	17p11.1

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Location

Pathway

Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; G Protein Signaling Pathways, organism-specific biosystem; Hemostasis, organism-specific biosystem;

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