

Recombinant Human AKAP9 protein, His-tagged

Cat. No. AKAP9-9464H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKAP9 protein(1-152 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-152 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence	MEDEERQKKLEAGKAKLAQFRQRKAQSDGQSPSKKQKKKRKTSSSKHDVSAHHD NIDQSQCNE MYINSSQRVESTVIPESTIMRTLHSGEITSHEQGFSVELESEISTTADD CSSEVNGCSFVMRTGKPTNLLREEEFGVDDSYSEQGAQD
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GENE INFORMATION

Gene Name	AKAP9 A kinase (PRKA) anchor protein (yotiao) 9 [Homo sapiens]
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Official Symbol	AKAP9
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Synonyms	AKAP9; A kinase (PRKA) anchor protein (yotiao) 9; A-kinase anchor protein 9; A kinase anchor protein; 350kDa; A kinase anchoring protein 450; AKAP9 BRAF fusion protein; AKAP120 like protein; AKAP350; AKAP450; centrosome and golgi localized protein; CG NAP; HYPERION; KIAA0803; kinase N associated protein; MU RMS 40.16A; PPP1R45; PRKA9; protein kinase A anchoring protein 9; protein phosphatase 1; regulatory subunit 45; YOTIAO; protein yotiao; protein hyperion; AKAP 120-like protein; AKAP9-BRAF fusion protein; kinase N-associated protein; A-kinase anchor protein 350 kDa; A-kinase anchor protein 450 kDa; protein phosphatase 1, regulatory subunit 45; centrosome- and Golgi-localized PKN-associated protein; AKAP-9; CG-NAP; MU-RMS-40.16A;
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Gene ID	10142
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mRNA Refseq	NM_005751
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Protein Refseq	NP_005742
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MIM	604001
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UniProt ID	Q99996
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