

Recombinant Human AKAP1 protein, His-tagged

Cat. No. AKAP1-9517H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKAP1 protein(31-351 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	fruit fly
Source	E.coli
ProteinLength	31-351 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

GHVSSHDEQQVEAGAVQLRADPAIKEPLPVEDVCPKVVSTPPSVTEPPEKELSTVS
 KLPAEPPALLQTHPPCRRSESSGILPNTTDMRLRPGTRRDDSTKLELALTGGEAKSI
 PLECPLSSPKGVLFFSSKSAEVCKQDSPFSRVPRKVQPGYPVVPAAEKRSSGERARET
 GGAEGTGDAVLGEKVLEEALLSREHVLELENSKGPSLASLEGEEDKGKSSSSQVVG
 PVQEEYVAEKLPSRFIESAHTELAKDDAAPAPPVADAKAQDRGVEGELGNEESLD
 RNEEGLDRNEEGLDRNEESLDRNEEGLDRNEEIKRAAFQI

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](#)

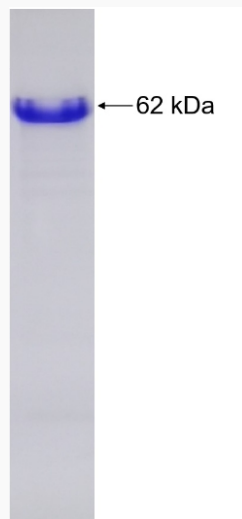
MIM [602449](#)

UniProt ID [Q92667](#)

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SDS-PAGE

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