

Recombinant Human AKAP4 protein, His-tagged

Cat. No. AKAP4-7463H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKAP4 protein(565-693 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	565-693 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	TCEEDCPGSTMGYMAQSTQYEKCGGGQSAKALSVKQLESHRAPGPSTCQKENQH LDSQKMDMSNIVLMLIQKLLNENPFCEDPCEGENKCSEPRASKAASMSNRSDKAE EQCQEHQELDCTSGMKQAN
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GENE INFORMATION

Gene Name	AKAP4 A kinase (PRKA) anchor protein 4 [Homo sapiens]
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Official Symbol	AKAP4
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Synonyms	AKAP4; A kinase (PRKA) anchor protein 4; A-kinase anchor protein 4; A kinase anchor protein 82 kDa; AKAP82; cancer/testis antigen 99; CT99; Fsc1; hAKAP82; HI; p82; protein kinase A anchoring protein 4; testis specific gene HI; testis-specific gene HI; A-kinase anchor protein 82 kDa; major sperm fibrous sheath protein; protein kinase A-anchoring protein 4; FSC1; PRKA4; AKAP-4; AKAP 82;
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Gene ID	8852
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mRNA Refseq	NM_003886
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Protein Refseq	NP_003877
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MIM	300185
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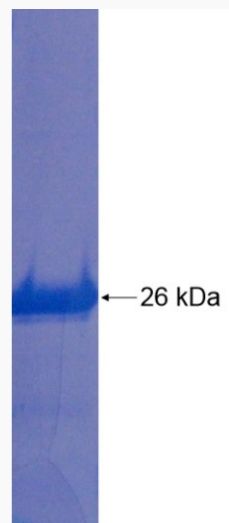
UniProt ID	Q5JQC9
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SDS-PAGE



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