

Recombinant Human AKAP7 protein, His-tagged

Cat. No. AKAP7-9025H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKAP7 protein(1-81 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-81 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	MGQLCCFPFSRDEGKISEKNGGEPDDAELVRLSKRLVENAVLKAVQQYLEETQNKN KPGEGSSVKTEAADQNGNDNENNRK
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GENE INFORMATION

Gene Name	AKAP7 A kinase (PRKA) anchor protein 7 [Homo sapiens]
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Official Symbol	AKAP7
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Synonyms	AKAP7; A kinase (PRKA) anchor protein 7; A-kinase anchor protein 7 isoform gamma; AKAP15; AKAP18; AKAP 18; PRKA7 isoform gamma; AKAP-7 isoform gamma; PRKA7 isoforms alpha/beta; A-kinase anchor protein 9 kDa; A-kinase anchor protein 18 kDa; AKAP-7 isoforms alpha and beta; A-kinase anchor protein 7 isoforms alpha and beta;
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Gene ID	9465
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mRNA Refseq	NM_004842
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Protein Refseq	NP_004833
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MIM	604693
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UniProt ID	O43687
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SDS-PAGE

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