

Recombinant Human AKAP14 protein, His-tagged

Cat. No. AKAP14-6322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKAP14 protein(1-197 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-197 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	90%, 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

MSETQNSTSQKAMDEDNKAASQTMPNTQDKNYEDELQVALALVEDVINYAVKIVE
EERNPLKNIKWMTHGEFTVEKGLKQIDEYFSKCVSKKCWAHGVEFVERKDLIHSFLY
IYYVHWSISTADLPVARISAGTYFTMKVSKTKPPDAPIVVSYVGDHQUALVHRPGMVR
FRENWQKNLTDKYSFMESFPFLFNRV

GENE INFORMATION

Gene Name [AKAP14 A kinase \(PRKA\) anchor protein 14 \[Homo sapiens \]](#)

Official Symbol [AKAP14](#)

Synonyms AKAP14; A kinase (PRKA) anchor protein 14; A-kinase anchor protein 14; AKAP28; AKAP 28; AKAP-14; A-kinase anchoring protein 28; A-kinase anchor protein 28 kDa; protein kinase A-anchoring protein 14; PRKA14;

Gene ID [158798](#)

mRNA Refseq [NM_001008534](#)

Protein Refseq [NP_001008534](#)

MIM [300462](#)

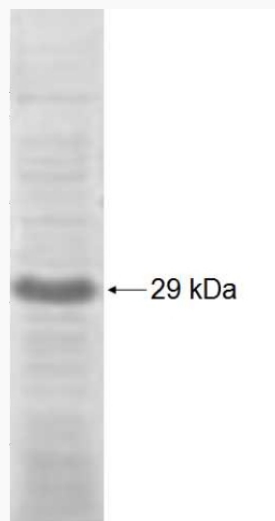
UniProt ID [Q86UN6](#)

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SDS-PAGE



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