

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
 EERNPLKNIKWMTHGEFTVEKGLKQIDEYFSKCVSKKCWAHGVFVERKDLIHSFLY
 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](#)

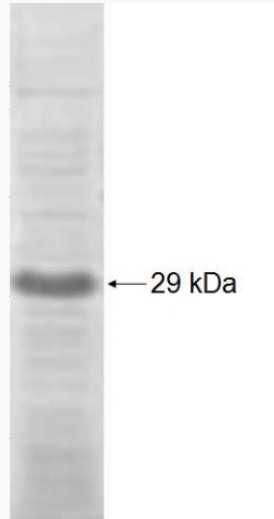
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SDS-PAGE



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