

Recombinant Full Length Human AKAP14 Protein, GST-tagged

Cat. No. AKAP14-1347HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AKAP14 full-length ORF (NP_848928.1, 1 a.a. - 197 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	197 amino acids
Description	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The protein anchors PKA in ciliary axonemes and, in this way, may play a role in regulating ciliary beat frequency. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Molecular Mass	49.2 kDa
AA Sequence	MSETQNSTSQ KAMDEDNKAQ SQTMPNTQDK NYEDELQVA LALVEDVINY AVKIVEEERN PLKNIKWMTH GEFTVEKGLK QIDEYFSKCV SKKCWAHGVE FVERKDLIHS FLYIYYVHWS ISTADLPVAR ISAGTYFTMK VSKTKPPDAP IVVSYVGDHQ ALVHRPGMVR FRENWQKNLT DAKYSFMESF PFLFNRV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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