

Recombinant Human AKAP14 Protein, GST-tagged

Cat. No. AKAP14-400H **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	Wheat Germ
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	MSETQNSTSQKAMDEDNKAASQTMPNTQDKNYEDELQVALALVEDVINYAVKIVE EERNPLKNIKWMTHGEFTVEKGLKQIDEYFSKCVSKKCWAHGVFVERKDLIHSFLY IYYVHWSISTADLPVARISAGTYFTMKVSKTKPPDAPIVVSYVGDHQUALVHRPGMVR FRENWQKNLTDKYSFMESFPFLFNRV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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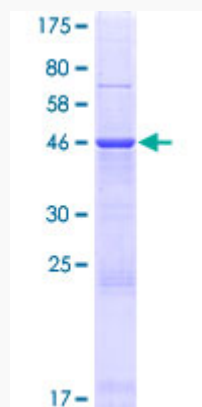
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
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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12.5% SDS-PAGE Stained with Coomassie Blue.

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