Full-Length

AKAP14 (Human) Recombinant Protein (P01)

Catalog # H00158798-P01 Size 25 ug, 10 ug

Applications

Specification

Product Description	Human AKAP14 full-length ORF (NP_848928.1, 1 a.a. - 197 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSETQNSTSQKAMDEDNKAASQTMPNTQDKNYEDELTQVALALVEDVINYAVKIVEEERNPLKNI KWMTHGEFTVEKGLKQIDEYFSKCVSKKCWAHGVEFVERKDLIHSFLYIYYVHWSISTADLPVARI SAGTYFTMKVSKTKPPDAPIVVSYVGDHQALVHRPGMVRFRENWQKNLTDAKYSFMESFPFLFN RV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.2
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AKAP14

Entrez GeneID	158798
GeneBank Accession#	NM_178813.5
Protein Accession#	NP_848928.1
Gene Name	AKAP14
Gene Alias	AKAP28
Gene Description	A kinase (PRKA) anchor protein 14
Omim ID	300462
Gene Ontology	Hyperlink
Gene Summary	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 h oloenzyme 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 c haracterized. [provided by RefSeq
Other Designations	A-kinase anchoring protein 28|OTTHUMP00000023927|OTTHUMP00000023928|OTTHUMP000 00023929|protein kinase A anchoring protein 14