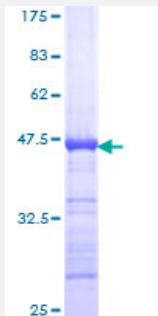


AKAP8 (Human) Recombinant Protein (Q01)

Catalog # H00010270-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human AKAP8 partial ORF (NP_005849, 551 a.a. - 662 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VDPEMEGDDNLGGEDKKETPEEVAADVLAEVITAAVRAVDGEGAPAPESSGEPAEDEGPTDTA EAGSDPQAEQLLEEQVPCGTAHEKGVPKARSEAAEAGNGAETMAAEAES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.06
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 — AKAP8

Entrez GeneID [10270](#)

GeneBank Accession# [NM_005858](#)

Protein Accession# [NP_005849](#)

Gene Name AKAP8

Gene Alias AKAP95, DKFZp586B1222

Gene Description A kinase (PRKA) anchor protein 8

Omim ID [604692](#)

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 holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is located in the nucleus during interphase and is distinctly redistributed during mitosis. This protein has a cell cycle-dependent interaction with the RII subunit of PKA. [provided by RefSeq]

Other Designations A-kinase anchor protein 8|A-kinase anchor protein, 95kDa