

## Product datasheet for **AR50351PU-S**

### AKAP7 alpha/beta (1-81, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	AKAP7 alpha/beta (1-81, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMGQLCC FPFSRDEGKI SEKNGGEPDD AELVRLSKRL VENAVLKAVQ QYLEETQNK N KPGE GSSVKT EAADQNGNDN ENNRK
Tag:	His-tag
Predicted MW:	11.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 10% glycerol, 1 mM DTT, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human AKAP7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_004833</a>
Locus ID:	9465
UniProt ID:	<a href="#">O43687</a> , <a href="#">Q2TAJ5</a> , <a href="#">Q6P4D3</a>
Cytogenetics:	6q23.2
Synonyms:	AKAP15; AKAP18



[View online »](#)

**Summary:**

This gene encodes a member of the A-kinase anchoring protein (AKAP) family, a group of functionally related proteins that bind to a regulatory subunit (RII) of cAMP-dependent protein kinase A (PKA) and target the enzyme to specific subcellular compartments. AKAPs have a common RII-binding domain, but contain different targeting motifs responsible for directing PKA to distinct intracellular locations. Three alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Apr 2011]

**Protein Families:**

Druggable Genome

**Product images:**