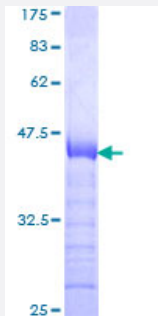


ARID4A (Human) Recombinant Protein (Q01)

Catalog # H00005926-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ARID4A partial ORF (NP_002883, 1033 a.a. - 1139 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AEESQEGLCERESANGFETNVASGTCSIVQERESREKGQKRPSDGNGLMAKKQKRTPKRTSA AAKNEKNGTGQSSDSEDLPVLDNSSKCTPVKHLNVSKPQKLAR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.51
Interspecies Antigen Sequence	Mouse (83); Rat (82)
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 — ARID4A

Entrez GeneID [5926](#)

GeneBank Accession# [NM_002892](#)

Protein Accession# [NP_002883](#)

Gene Name ARID4A

Gene Alias RBBP1, RBP-1, RBP1

Gene Description AT rich interactive domain 4A (RBP1-like)

Omim ID [180201](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a ubiquitously expressed nuclear protein. It binds directly, with several other proteins, to retinoblastoma protein (pRB) which regulates cell proliferation. pRB represses transcription by recruiting the encoded protein. This protein, in turn, serves as a bridging molecule to recruit HDACs and, in addition, provides a second HDAC-independent repression function. The encoded protein possesses transcriptional repression activity. Multiple alternatively spliced transcripts have been observed for this gene, although not all transcript variants have been fully described. [provided by RefSeq]

Other Designations retinoblastoma binding protein 1|retinoblastoma-binding protein 1