At-Rich Interactive Domain-Containing Protein 3a (arid3a) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	AT-rich interactive domain-containing protein 3A (arid3a), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis AT-rich interactive domain-containing protein 3A (arid3a), partial
Product Gene Name	arid3a recombinant protein
Product Synonym Gene Name	arid3a
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	58,570 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q6GQD7
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for arid3a recombinant protein	MBS1353618 is a recombinant protein targeting arid3a. Also known as Recombinant Xenopus laevis AT-rich interactive domain-containing protein 3A (arid3a), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of arid3a recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for arid3a. It may not necessarily be applicable to this product.

NCBI GI #	148231984
NCBI GeneID	443893
NCBI Accession #	NP_001085467.1
UniProt Primary Accession #	Q6GQD7
UniProt Related Accession #	Q6GQD7
GenBank Nucleotide #	NM_001091998.1
NCBI Official Full Name	AT-rich interactive domain-containing protein 3A
NCBI Official Synonym Full Names	AT-rich interaction domain 3A S homeolog

NCBI Official Symbol	arid3a.S
NCBI Official Synonym Symbols	Dril1; arid3a
UniProt Protein Name	AT-rich interactive domain-containing protein 3A
UniProt Synonym Protein Names	Bright homolog; Dead ringer-like protein 1
Protein Family	AT-rich interactive domain-containing protein
UniProt Gene Name	arid3a
UniProt Synonym Gene Names	dril1; ARID domain-containing protein 3A
NCBI Protein Information	AT-rich interactive domain-containing protein 3A
UniProt Comments for arid3a	Transcription factor required for smad1 and smad2-mediated responses to TGFbeta during mesoderm induction.
Research Articles on arid3a	**1.** dril1 is a novel regulator of TGF(beta) signaling and a vital component of mesodermal patterning and embryonic morphogenesis.
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