ARX (Human) Recombinant Protein (Q01)

Catalog # H00170302-Q01 Size 25 ug, 10 ug

Applications

Specification

Product Description	Human ARX partial ORF (NP_620689, 1 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSNQYQEEGCSERPECKSKSPTLLSSYCIDSILGRRSPCKMRLLGAAQSLPAPLTSRADPEKAVQGSPKSSSAPFEAELHLPPKLRRLYGPGGGR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.19
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 — ARX

Entrez GeneID	170302
GeneBank Accession#	NM_139058
Protein Accession#	NP_620689
Gene Name	ARX
Gene Alias	ISSX, MRX29, MRX32, MRX33, MRX36, MRX38, MRX43, MRX54, MRX76, MRX87, MRXS1, PRTS
Gene Description	aristaless related homeobox
Omim ID	300004 300215 300382 300419 300432 308350 309510
Gene Ontology	Hyperlink
Gene Summary	This gene is a homeobox-containing gene expressed during development. The expressed protein contains two conserved domains, a C-peptide (or aristaless domain) and the prd-like class homeobox domain. It is a member of the group-II aristaless-related protein family whose members are expressed primarily in the central and/or peripheral nervous system. This gene is thought to be involved in CNS development. Mutations in this gene cause X-linked mental retardation and epilepsy. [provided by RefSeq
Other Designations	OTTHUMP00000023088|aristaless-related homeobox, X-linked

Disease

- Autistic Disorder
- Epilepsy