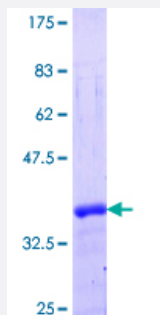


VAX1 (Human) Recombinant Protein (Q01)

Catalog # H00011023-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VAX1 partial ORF (NP_954582.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MFGKPKDKMDVRCHSDAEAAARVSKNAHKESRESKGAEGNLPA AFLKEPQGAFSASGAAEDCNK SKSNSAADPDYCRRLVRDAKGSIREIILPKGLDLDRP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (86); Rat (86)
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 — VAX1

Entrez GeneID [11023](#)

GeneBank Accession# [NM_199131](#)

Protein Accession# [NP_954582.1](#)

Gene Name VAX1

Gene Alias MGC126743, MGC126745

Gene Description ventral anterior homeobox 1

Omim ID [604294](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a homeo-domain containing protein from a class of homeobox transcription factors which are conserved in vertebrates. Genes of this family are involved in the regulation of body development and morphogenesis. The most conserved genes, called HOX genes are found in special gene clusters. This gene belongs to the VAX subfamily and lies in the vicinity of the EMX homeobox gene family. Another member of VAX family is located on chromosome 2. The encoded protein may play an important role in the development of anterior ventral forebrain and visual system. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000058791|OTTHUMP00000180555