Full-Length

VAX1 (Human) Recombinant Protein (P01)

Catalog # H00011023-P01 Size 50 ug

Specification

Product Description	Human VAX1 full-length ORF (BAC86826.1, 1 a.a. - 186 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MFGKPDKMDVRCHSDAEAARVSKNAHKESRESKGAEGNLPAAFLKEPQGAFSASGAAEDCNK SKSNSAADPDYCRRILVRDAKGSIREIILPKGLDLDRPKRTRTSFTAEQLYWLEMEFQRCQYVVGR ERTELARQLNLSETQANSEENNERFKRGIKKQKKKRKKEPANDESRRGDSGGRGWQPL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.4
Interspecies Antigen Sequence	Mouse (86); Rat (86)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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#	AK127095.1
Protein Accession#	BAC86826.1
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 fa ctors which are conserved in vertebrates. Genes of this family are involved in the regulation of bod y development and morphogenesis. The most conserved genes, called HOX genes are found in s pecial gene clusters. This gene belongs to the VAX subfamily and lies in the vicinity of the EMX h omeobox 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 syste m. Multiple transcript variants encoding different isoforms have been found for this gene. [provide d by RefSeq
Other Designations	OTTHUMP00000058791|OTTHUMP00000180555