

## Product datasheet for **TP310985**

### VAX1 (NM\_199131) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ventral anterior homeobox 1 (VAX1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210985 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MFGKPKDKMDVRCHSDAEAAARVSKNAHKESRESKGAEGNLPAAFLKEPQGAFSASGAAEDCNKSKSNSAAD PDYCRRILVRDAKGSIREIILPKGLDLDRPKRTRTSFTAELRLEMFEQRCQYVVGRETELARQLNLS ETQANSEENNERFKRGIKKQKKRKKKEPANDESRRGDSGGRGWQPL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	20.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_954582</a>
Locus ID:	11023
UniProt ID:	<a href="#">Q5SQQ9</a>
RefSeq Size:	4494



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Cytogenetics: 10q25.3

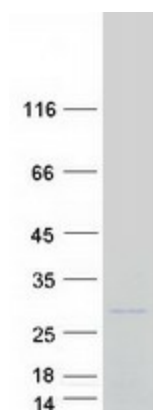
RefSeq ORF: 558

Synonyms: MCOPS11

**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, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified VAX1 protein (Cat# TP310985). The protein was produced from HEK293T cells transfected with VAX1 cDNA clone (Cat# [RC210985]) using MegaTran 2.0 (Cat# [TT210002]).