

## Product datasheet for PH310985

### VAX1 (NM\_199131) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	VAX1 MS Standard C13 and N15-labeled recombinant protein (NP_954582)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210985
Predicted MW:	21 kDa
Protein Sequence:	>RC210985 protein sequence Red=Cloning site Green=Tags(s)  MFGKPKMDVVRCHSDAEAAARVSKNAHKESRESKGAEGNLPAAFLKEPQGAFSASGAAEDCNKSKSNSAAD PDYCRRLVVRDAKGSIREIILPKGLDLDRPKRTRTSFTAQLYRLEMEFQRCQYVVGRETELARQLNLS ETQANSENNERFKRGIKKQKKRKKKEPANDESRRGDSGGGRGWQPL  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_954582</a>
RefSeq Size:	4494
RefSeq ORF:	558
Synonyms:	MCOPS11
Locus ID:	11023
UniProt ID:	<a href="#">Q5SQQ9</a>



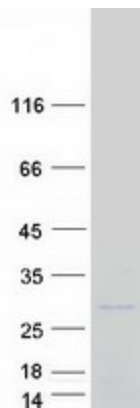
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**Cytogenetics:** 10q25.3

**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]).