

## Product datasheet for TP311761

### VENTX (NM\_014468) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human VENT homeobox homolog (Xenopus laevis) (VENTX), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211761 protein sequence Red=Cloning site Green=Tags(s)
	MRLSSPPRGPQQLSSFGSVDWLSQSSCSGPTHTPRPADFSPGSLPGPGQTSGAREPPQAVSIKEAAGSS NLPAPERTMAGLSKEPNTLRAPRVRTAFTMEQVRTLEGVFQHHQYLSPLERKRLAREMQLSEVQIKTWFAQ NRRMKHKRQMQDPQLHSPFSGSLHAPPAFYSTSSGLANGLQLLCPWAPLSGPQALMLPPGSFWGLCQVAQ EALASAGASCCGQPLASHPPTPGRPSLGPALSTGPRGLCAMPQTGDAF
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	27.4 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_055283</a>
Locus ID:	27287
UniProt ID:	<a href="#">O95231</a>



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RefSeq Size: 2422

Cytogenetics: 10q26.3

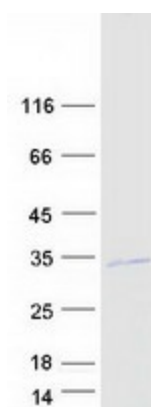
RefSeq ORF: 774

Synonyms: HPX42B; NA88A; VENTX2

**Summary:** This gene encodes a member of the Vent family of homeodomain proteins. The encoded protein may function as a transcriptional repressor and be involved in mesodermal patterning and hemopoietic stem cell maintenance. Multiple pseudogenes exist for this gene. A transcribed pseudogene located on chromosome X may lead to antigen production in certain melanomas. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified VENTX protein (Cat# TP311761). The protein was produced from HEK293T cells transfected with VENTX cDNA clone (Cat# [RC211761]) using MegaTran 2.0 (Cat# [TT210002]).