

Recombinant Human VENTX Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VENTX-5081H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | VENTX MS Standard C13 and N15-labeled recombinant protein (NP_055283) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| Species | Human |
| Source | HEK293 |
| Description | 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. |
| Molecular Mass | 27.5 kDa |
| AA Sequence | MRLSSSPPRGPQQLSSFGSVDWLSQSSCSGPTHTPRPADFSPGSLPGPGQTSGA REPPQAVSIKEAAGSSNLPAPERTMAGLSKEPNTLRAPRVRTAFTMEQVRTLEGVF QHHQYLSPLERKRLAREMQLSEVQIKTWFQNRMRMKHKRQMMDPQLHSPFSGSLHA PPAFYSTSSGLANGLQLLCPWAPLSGPQALMLPPGSFWGLCQVAQEALASAGASC CGQPLASHPPTPGRPSLGPALSTGPRGLCAMPQTGDFAFTRTRPLEQKLISEEDLAA NDILDYKDDDDKV |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |

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| Stability | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| Storage | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| Concentration | 50 µg/mL as determined by BCA |
| Storage Buffer | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

GENE INFORMATION

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|------------------------|--|
| Gene Name | VENTX VENT homeobox [<i>Homo sapiens</i> (human)] |
| Official Symbol | VENTX |
| Synonyms | VENTX; VENT homeobox; VENT homeobox homolog (<i>Xenopus laevis</i>), VENT like homeobox 2, VENTX2; homeobox protein VENTX; HPX42B; VENT-like homeobox 2; VENT homeobox homolog; VENT-like homeobox protein 2; hemopoietic progenitor homeobox protein VENTX2; NA88A; VENTX2; MGC119910; MGC119911; |
| Gene ID | 27287 |
| mRNA Refseq | NM_014468 |
| Protein Refseq | NP_055283 |
| MIM | 607158 |
| UniProt ID | O95231 |

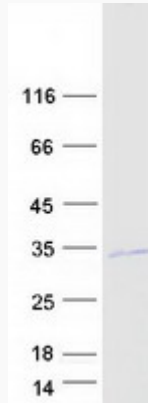
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SDS-PAGE



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