Recombinant Human VAX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VAX1-5449H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VAX1 MS Standard C13 and N15-labeled recombinant protein (NP_954582) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	21 kDa
AA Sequence	MFGKPDKMDVRCHSDAEAARVSKNAHKESRESKGAEGNLPAAFLKEPQGAFSASG AAEDCNKSKSNSAADPDYCRRILVRDAKGSIREIILPKGLDLDRPKRTRTSFTAEQLY RLEMEFQRCQYVVGRERTELARQLNLSETQANSEENNERFKRGIKKQKKKRKKEPA NDESRRGDSGGRGWQPLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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

Gene Name	VAX1 ventral anterior homeobox 1 [Homo sapiens (human)]
Official Symbol	VAX1
Synonyms	VAX1; ventral anterior homeobox 1; MCOPS11; ventral anterior homeobox 1
Gene ID	11023
mRNA Refseq	NM_199131
Protein Refseq	NP_954582
MIM	604294
UniProt ID	Q5SQQ9

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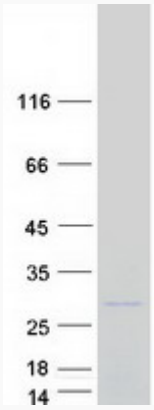
SDS-PAGE	

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