

Recombinant Mouse Vax1 Protein, Myc/DDK-tagged

Cat. No. Vax1-6907M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ventral anterior homeobox 1 (Vax1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the EMX homeobox protein family. The encoded protein functions as a transcription factor which is important in the development of anterior ventral forebrain and visual system. Disruption of this gene causes impairment in the developing forebrain, where the encoded protein is necessary for axon guidance and major tract formation. [provided by RefSeq, Dec 2015]
Molecular Mass	35.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Vax1 ventral anterior homeobox 1 [Mus musculus (house mouse)]
Official Symbol	Vax1
Synonyms	Vax1; ventral anterior homeobox 1; ventral anterior homeobox 1; ventral anterior homeobox containing gene 1
Gene ID	22326
mRNA Refseq	NM_009501
Protein Refseq	NP_033527
UniProt ID	Q2NKI2

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