

Product datasheet for TP522145

Vax1 (NM_009501) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse ventral anterior homeobox 1 (Vax1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR222145 representing NM_009501
Red=Cloning site Green=Tags(s)

MFGKPKDKMDVRCHSDTEAARVSKNAHKESREIKGAEGSLPAAFLKEPQGAFSGSGASEDCNKSNSNSAD
 PDYCRRILVRDAKGSIREIILPKGLDLDRPKRTRTSFTAELRLEMEFQRCQYVVGRETELARQLNLS
 ETQVKVWFQNRRTKQKKDQGKDELRSVVSETAATCSVLRLLLEQGRLLSPPGLPALLPPCATGALGSALR
 GPSLPALGAGAAAGSAAAAAAAAAATAPGPAGAASQHQPAVGGAPGPGPAGPGLHAGAPTASHGLFSLP
 VPSLLGSVASRLSSAPLTMAGSLAGNLQELSARYLSSSAFEPYSRTNNKEGAIEKKALD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 35.6 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
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 after receiving vials.
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: [NP_033527](#)
Locus ID: 22326
UniProt ID: [Q2NKI2](#)



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RefSeq Size: 1017

Cytogenetics: 19 54.61 cM

RefSeq ORF: 1014

Summary: 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]