

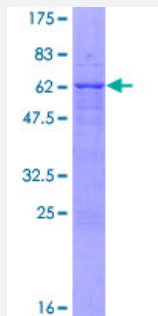
Full-Length

VAX2 (Human) Recombinant Protein (P01)

Catalog # H00025806-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human VAX2 full-length ORF (NP_036608.1, 1 a.a. - 290 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGDGAERDRGPARRAESGGGGGRCGDRSGAGDLRADGGGHSPTEVAGTSASSPAGSRESG
ADSDGQPGPGGEADHCRRILVRDAKGTIREIVLPKGLDLDRPKRTRTSFTAEQLYRLEM EFQRCQY
VVGRETELARQLNLSETQVKVWFQNRRTKQKKDQSRDLEKRASSSASEAFATSNILRLLEQGR
LLSVPRAPSLALTPSLPGLPASHRGTS LGDPRNSSPRLNPLSSASAPPLPPPLPAVCFSSAPL
LDLPAGYELGSSAFEPYSWLERKVGSSASSCKKANT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.3

Interspecies Antigen Sequence

Mouse (87); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — VAX2

Entrez GeneID[25806](#)**GeneBank Accession#**[NM_012476.1](#)**Protein Accession#**[NP_036608.1](#)**Gene Name**

VAX2

Gene Alias

DRES93

Gene Description

ventral anterior homeobox 2

Omim ID[604295](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a homeobox protein and is almost exclusively expressed in the ventral portion of the retina during development. In mouse studies, this gene was found to be required for the correct formation of the optic fissure and other aspects of retinal development. [provided by RefSeq

Other Designations

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Disease

- [Cardiovascular Diseases](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)