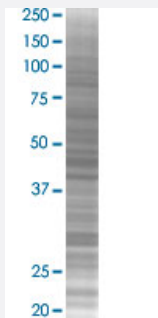


PAX3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005077-T02

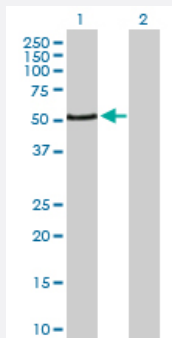
Size 100 uL

Applications



SDS-PAGE Gel

PAX3 transfected lysate.



Western Blot

Lane 1: PAX3 transfected lysate (53.50 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PAX3 full-length
Host	Human
Theoretical MW (kDa)	53.5
Interspecies Antigen Sequence	Mouse (99); Rat (99)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PAX3 antibody ([H00005077-D01P](#)) by Western Blots.
SDS-PAGE Gel
PAX3 transfected lysate.
Western Blot
Lane 1: PAX3 transfected lysate (53.50 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

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

Applications

- Western Blot

Gene Info — PAX3

Entrez GeneID

[5077](#)

GeneBank Accession#

[NM_181458.1](#)

Protein Accession#

[NP_852123.1](#)

Gene Name

PAX3

Gene Alias

CDHS, HUP2, MGC120381, MGC120382, MGC120383, MGC120384, MGC134778, WS1

Gene Description

paired box 3

Omim ID

[122880](#) [148820](#) [193500](#) [268220](#) [606597](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini. [provided by RefSeq]

Other Designations

paired box homeotic gene 3|paired domain gene 3|paired domain gene HuP2

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Retinal Diseases](#)
- [Skin Neoplasms](#)
- [Spinal Dysraphism](#)
- [Waardenburg syndrome](#)