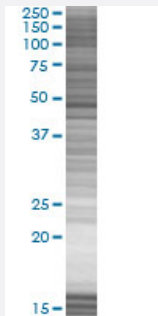


PAX6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005080-T01

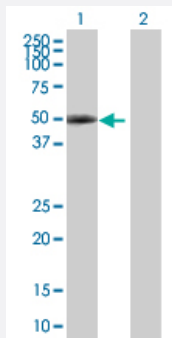
Size 100 uL

Applications



SDS-PAGE Gel

PAX6 transfected lysate.



Western Blot

Lane 1: PAX6 transfected lysate (46.53 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PAX6 full-length

Host Human

Theoretical MW (kDa) 46.53

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PAX6 antibody ([H00005080-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PAX6 transfected lysate.
 Western Blot
 Lane 1: PAX6 transfected lysate (46.53 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 — PAX6

Entrez GeneID	5080
GeneBank Accession#	NM_000280.2
Protein Accession#	-
Gene Name	PAX6
Gene Alias	AN, AN2, D11S812E, MGC17209, MGDA, WAGR
Gene Description	paired box 6
Omim ID	106210 120200 120430 129750 136520 148190 165550 603807 607108
Gene Ontology	Hyperlink
Gene Summary	This gene encodes paired box gene 6, one of many human homologs of the Drosophila melanogaster gene prd. In addition to the hallmark feature of this gene family, a conserved paired box domain, the encoded protein also contains a homeo box domain. Both domains are known to bind DNA, and function as regulators of gene transcription. This gene is expressed in the developing nervous system, and in developing eyes. Mutations in this gene are known to cause ocular disorders such as aniridia and Peter's anomaly. Alternatively spliced transcript variants encoding either the same or different isoform have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000038833 OTTHUMP00000038834 OTTHUMP00000038835 OTTHUMP00000038836 OTTHUMP00000038837 OTTHUMP00000038838 OTTHUMP00000038839 OTTHUMP00000038840 paired box gene 6 paired box homeotic gene-6

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Abnormalities](#)
- [Alcoholism](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Autistic Disorder](#)
- [Blepharoptosis](#)
- [Calcinosis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)
- [Photophobia](#)
- [Retinal Diseases](#)
- [Tobacco Use Disorder](#)
- [Vision Disorders](#)