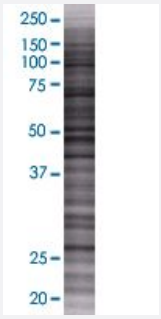
RS1 293T Cell Transient Overexpression Lysate(Denatured)

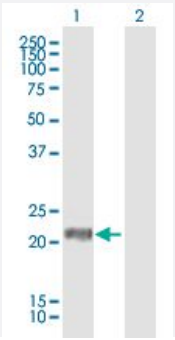
Catalog # H00006247-T01 Size 100 uL

Applications



SDS-PAGE Gel

RS1 transfected lysate.



Western Blot

Lane 1: RS1 transfected lysate (24.64 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RS1 full-length
Host	Human
Theoretical MW (kDa)	24.64
Interspecies Antigen Sequence	Mouse (96); Rat (96)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-RS1 antibody (H00006247-B01) by Western Blots. SDS-PAGE Gel RS1 transfected lysate. Western Blot Lane 1: RS1 transfected lysate (24.64 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 — RS1

Entrez GeneID	6247
GeneBank Accession#	BC141638
Protein Accession#	AAI41639.1
Gene Name	RS1
Gene Alias	RS, XLRS1
Gene Description	retinoschisin 1
Omim ID	312700
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an extracellular protein that plays a crucial role in the cellular organization of the retina. The encoded protein is assembled and secreted from photoreceptors and bipolar cells as a homo-oligomeric protein complex. Mutations in this gene are responsible for X-linked retinoschisis, a common, early-onset macular degeneration in males that results in a splitting of the inner layers of the retina and severe loss in vision. [provided by RefSeq
Other Designations	OTTHUMP00000023004|X-linked juvenile retinoschisis protein|retinoschisis (X-linked, juvenile) 1

Disease

- Retinal Diseases
- Retinoschisis