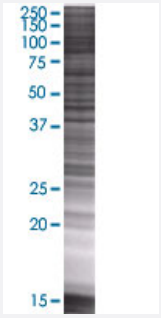
RP2 293T Cell Transient Overexpression Lysate(Denatured)

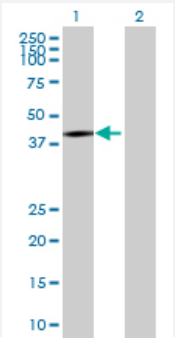
Catalog # H00006102-T01 Size 100 uL

Applications



SDS-PAGE Gel

RP2 transfected lysate.



Western Blot

Lane 1: RP2 transfected lysate (38.61 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RP2 full-length
Host	Human
Theoretical MW (kDa)	38.61
Interspecies Antigen Sequence	Mouse (88); Rat (89)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-RP2 antibody (H00006102-B01) by Western Blots. SDS-PAGE Gel RP2 transfected lysate. Western Blot Lane 1: RP2 transfected lysate (38.61 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 — RP2

Entrez GeneID	6102
GeneBank Accession#	BC043348.2
Protein Accession#	AAH43348.1
Gene Name	RP2
Gene Alias	DELXp11.3, KIAA0215, TBCCD2
Gene Description	retinitis pigmentosa 2 (X-linked recessive)
Omim ID	300578 312600
Gene Ontology	Hyperlink
Gene Summary	The RP2 locus has been implicated as one cause of X-linked retinitis pigmentosa. The predicted gene product shows homology with human cofactor C, a protein involved in the ultimate step of beta-tubulin folding. Progressive retinal degeneration may therefore be due to the accumulation of incorrectly-folded photoreceptor or neuron-specific tubulin isoforms followed by progressive cell death [provided by RefSeq
Other Designations	OTTHUMP00000023189|XRP2 protein

Disease

- Genetic Diseases
- Retinal Diseases
- Retinitis Pigmentosa