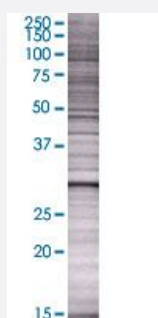


PYCR1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005831-T01

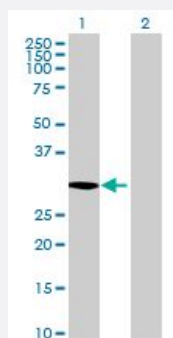
Size 100 uL

Applications



SDS-PAGE Gel

PYCR1 transfected lysate.



Western Blot

Lane 1: PYCR1 transfected lysate (35.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PYCR1 full-length

Host Human

Theoretical MW (kDa) 35.2

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PYCR1 antibody ([H00005831-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PYCR1 transfected lysate.
 Western Blot
 Lane 1: PYCR1 transfected lysate (35.2 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 — PYCR1

Entrez GeneID	5831
GeneBank Accession#	NM_006907.2
Protein Accession#	NP_008838.2
Gene Name	PYCR1
Gene Alias	P5C, P5CR, PIG45, PP222, PYCR
Gene Description	pyrroline-5-carboxylate reductase 1
Omim ID	179035
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that catalyzes the NAD(P)H-dependent conversion of pyrroline-5-carboxylate to proline. This enzyme may also play a physiologic role in the generation of NADP(+) in some cell types. The protein forms a homopolymer and localizes to the mitochondrion. Alternate splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	P5C reductase proliferation-inducing protein 45

Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)