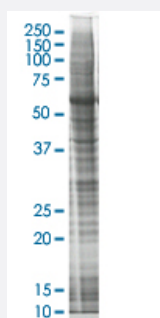


CRX HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

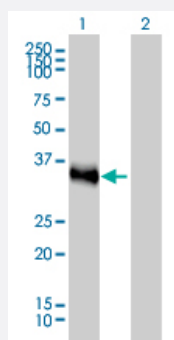
Catalog # L060T6 Size 100 ug

Applications



SDS-PAGE Gel

CRX transfected lysate



Western Blot

Lane 1: CRX transfected lysate (32 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-CRX full length
Host	Human
Theoretical MW (kDa)	32
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CRX antibody ([H00001406-M02](#)) by Western Blots.
SDS-PAGE Gel
CRX transfected lysate
Western Blot
Lane 1: CRX transfected lysate (32 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

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

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — CRX

Entrez GeneID

[1406](#)

GeneBank Accession#

[BC016664](#)

Protein Accession#

[AAH16664](#)

Gene Name

CRX

Gene Alias

CORD2, CRD, LCA7, OTX3

Gene Description

cone-rod homeobox

Omim ID

[120970](#) [268000](#) [602225](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a photoreceptor-specific transcription factor which plays a role in the differentiation of photoreceptor cells. This homeodomain protein is necessary for the maintenance of normal cone and rod function. Mutations in this gene are associated with photoreceptor degeneration, Leber congenital amaurosis type III and the autosomal dominant cone-rod dystrophy 2. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some variants has not been determined. [provided by RefSeq]

Other Designations

cone-rod homeobox protein|orthodenticle homeobox 3

Disease

- [Blindness](#)
- [Optic Atrophy](#)
- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)