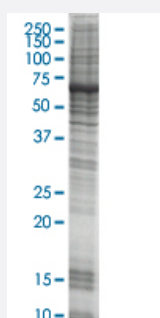


GJB3 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L097T6

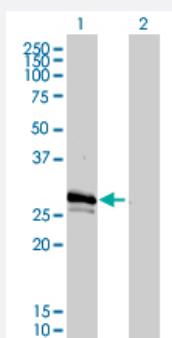
Size 100 ug

Applications



SDS-PAGE Gel

GJB3 transfected lysate



Western Blot

Lane 1: GJB3 transfected lysate (31 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line HEK293

Plasmid pCMV-GJB3 full length

Host Human

Theoretical MW (kDa) 31

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-GJB3 antibody ([H00002707-M01](#)) by Western Blots.
SDS-PAGE Gel
GJB3 transfected lysate
Western Blot
Lane 1: GJB3 transfected lysate (31 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 — GJB3

Entrez GeneID

[2707](#)

GeneBank Accession#

[BC012918](#)

Protein Accession#

[AAH12918](#)

Gene Name

GJB3

Gene Alias

CX31, DFNA2, EKV, FLJ22486, MGC102938

Gene Description

gap junction protein, beta 3, 31kDa

Omim ID

[133200](#) [600101](#) [603324](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene can cause non-syndromic deafness or erythrokeratoderma variabilis, a skin disorder. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Other Designations

OTTHUMP00000004183|OTTHUMP00000004184|connexin 31

Disease

- [Chromosome Disorders](#)
- [Deafness](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Presbycusis](#)
- [Syndrome](#)