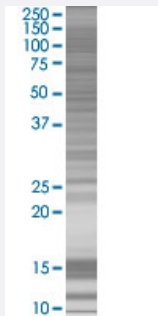


GJB5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002709-T02

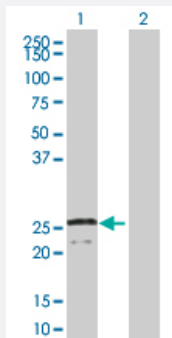
Size 100 uL

Applications



SDS-PAGE Gel

GJB5 transfected lysate.



Western Blot

Lane 1: GJB5 transfected lysate (31.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GJB5 full-length

Host Human

Theoretical MW (kDa) 31.1

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GJB5 antibody ([H00002709-B02](#)) by Western Blots.
 SDS-PAGE Gel
 GJB5 transfected lysate.
 Western Blot
 Lane 1: GJB5 transfected lysate (31.1 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 — GJB5

Entrez GeneID[2709](#)**GeneBank Accession#**[NM_005268.2](#)**Protein Accession#**[P1](#)**Gene Name**

GJB5

Gene Alias

CX31.1

Gene Description

gap junction protein, beta 5, 31.1kDa

Omim ID[604493](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Gap junctions are conduits that allow the direct cell-to-cell passage of small cytoplasmic molecules, including ions, metabolic intermediates, and second messengers, and thereby mediate intercellular metabolic and electrical communication. Gap junction channels consist of connexin protein subunits, which are encoded by a multigene family.[supplied by OMIM]

Other Designations

OTTHUMP00000004186|connexin 31.1|gap junction protein, beta 5 (connexin 31.1)

Disease

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)

- [Laryngeal Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pharyngeal Neoplasms](#)