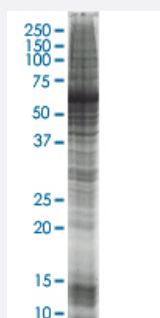


FRG1 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

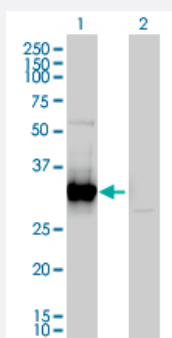
Catalog # L108T6 Size 100 ug

Applications



SDS-PAGE Gel

FRG1 transfected lysate



Western Blot

Lane 1: FRG1 transfected lysate (29 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-FRG1 full length
Host	Human
Theoretical MW (kDa)	29
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-FRG1 antibody ([H00002483-M01](#)) by Western Blots.
SDS-PAGE Gel
FRG1 transfected lysate
Western Blot
Lane 1: FRG1 transfected lysate (29 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 — FRG1

Entrez GeneID

[2483](#)

GeneBank Accession#

[BC053997](#)

Protein Accession#

[AAH53997](#)

Gene Name

FRG1

Gene Alias

FRG1A, FSG1

Gene Description

FSHD region gene 1

Omim ID

[601278](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene maps to a location 100 kb centromeric of the repeat units on chromosome 4q35 which are deleted in facioscapulohumeral muscular dystrophy (FSHD). It is evolutionarily conserved and has related sequences on multiple human chromosomes but DNA sequence analysis did not reveal any homology to known genes. In vivo studies demonstrate the encoded protein is localized to the nucleolus. [provided by RefSeq]

Other Designations

facioscapulohumeral muscular dystrophy region gene-1