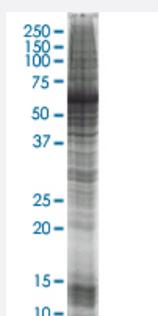


# FRG1 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

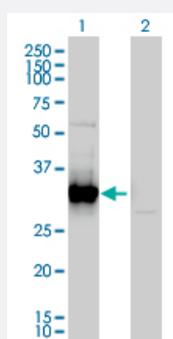
Catalog # L108T6      Size 100 ug

## Applications



### SDS-PAGE Gel

FRG1 transfected lysate



### Western Blot

Lane 1: FRG1 transfected lysate ( 29 KDa).

Lane 2: Non-transfected lysate.

## Specification

<b>Transfected Cell Line</b>	HEK293
<b>Plasmid</b>	pCMV-FRG1 full length
<b>Host</b>	Human
<b>Theoretical MW (kDa)</b>	29
<b>Lysis Buffer</b>	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.
<b>Concentration</b>	2 mg/ml

<b>Quality Control Testing</b>	Transient overexpression cell lysate was tested with Anti-FRG1 antibody ( <a href="#">H00002483-M01</a> ) by Western Blots. SDS-PAGE Gel FRG1 transfected lysate Western Blot Lane 1: FRG1 transfected lysate ( 29 KDa). Lane 2: Non-transfected lysate.
<b>Recommend Usage</b>	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.
<b>Storage Buffer</b>	In modified RIPA Lysis Buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

## Gene Info — FRG1

<b>Entrez GeneID</b>	<a href="#">2483</a>
<b>GeneBank Accession#</b>	<a href="#">BC053997</a>
<b>Protein Accession#</b>	<a href="#">AAH53997</a>
<b>Gene Name</b>	FRG1
<b>Gene Alias</b>	FRG1A, FSG1
<b>Gene Description</b>	FSHD region gene 1
<b>Omim ID</b>	<a href="#">601278</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**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