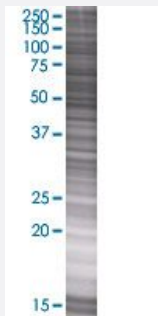


FGR 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002268-T01

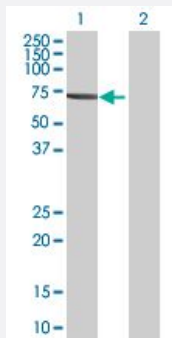
Size 100 uL

Applications



SDS-PAGE Gel

FGR transfected lysate.



Western Blot

Lane 1: FGR transfected lysate (58.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FGR full-length
Host	Human
Theoretical MW (kDa)	58.3
Interspecies Antigen Sequence	Mouse (84); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-FGR antibody ([H00002268-B01](#)) by Western Blots.
SDS-PAGE Gel
FGR transfected lysate.
Western Blot
Lane 1: FGR transfected lysate (58.3 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 — FGR

Entrez GeneID

[2268](#)

GeneBank Accession#

[NM_005248.2](#)

Protein Accession#

[NP_005239.1](#)

Gene Name

FGR

Gene Alias

FLJ43153, MGC75096, SRC2, c-fgr, c-src2, p55c-fgr, p58c-fgr

Gene Description

Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog

Omim ID

[164940](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein contains N-terminal sites for myristylation and palmitoylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions with phosphotyrosine-containing and proline-rich motifs, respectively. The protein localizes to plasma membrane ruffles, and functions as a negative regulator of cell migration and adhesion triggered by the beta-2 integrin signal transduction pathway. Infection with Epstein-Barr virus results in the overexpression of this gene. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

OTTHUMP00000003601|OTTHUMP00000003602|OTTHUMP00000003603|c-fgr protooncogene|c-src-2 proto-oncogene|p55-c-fgr protein|proto-oncogene tyrosine-protein kinase FGR

Pathway

- [Chemokine signaling pathway](#)

Disease

- [HIV Infections](#)