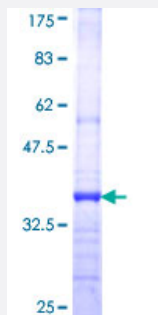


# FGR (Human) Recombinant Protein (Q01)

Catalog # H00002268-Q01

Size 25 ug, 10 ug

## Applications



## Specification

Product Description	Human FGR partial ORF ( AAH64382, 1 a.a. - 90 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGCVFCKKLEPVATAKEDAGLEGDFRSYGAADHYGPDPTKARPASSFAHIPNYSNFSSQAINPG FLDSGTIRGVSGIGVTLFIALYDYEA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (56); Rat (60)
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — FGR

Entrez GeneID [2268](#)

GeneBank Accession# [BC064382](#)

Protein Accession# [AAH64382](#)

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 palmylation, 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](#)