

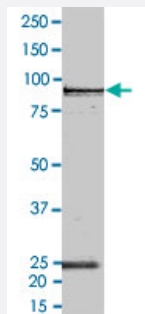
Bioactive

Full-Length

FGR (Human) Recombinant Protein

Catalog # P4694 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human FGR (NM_005248.1, 1 a.a. - 529 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	93.934
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	One-step affinity purification using GSH-agarose
Concentration	0.055 ug/uL

Activity	16 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — FGR

Entrez GeneID	2268
Protein Accession#	NM_005248.1
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	<p>This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein contains N-terminal sites for myristylation and palmitylation, 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]</p>
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](#)