

Active Recombinant Human FGR Protein, GST/His-tagged

Cat. No. FGR-4155H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FGR (NM_005248.1, 1 a.a. - 529 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Species	Human
Source	Insect Cells
Description	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]
Form	Liquid
Bio-activity	16 pmol/μg x min
Molecular Mass	93.934 kDa
Applications	Functional Study SDS-PAGE

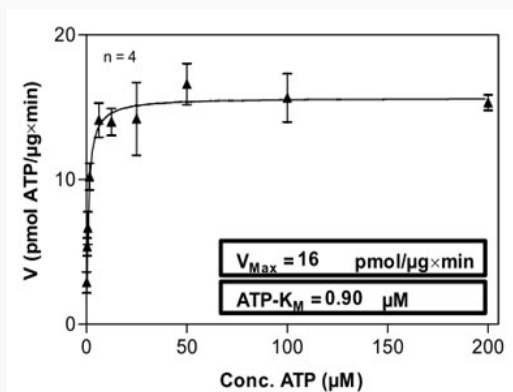
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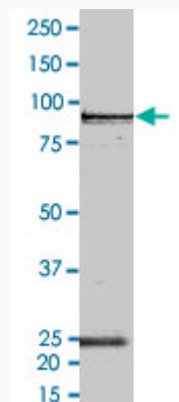
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Concentration	0.055 µg/µL
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0 (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
GENE INFORMATION	
Gene Name	FGR Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog [Homo sapiens]
Official Symbol	FGR
Synonyms	FGR; Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog; SRC2; tyrosine-protein kinase Fgr; c fgr; p55c fgr; p55-c-fgr protein; c-fgr protooncogene; proto-oncogene c-Fgr; c-src-2 proto-oncogene; proto-oncogene tyrosine-protein kinase FGR; c-fgr; c-src2; p55-Fgr; p58-Fgr; p55c-fgr; p58c-fgr; FLJ43153; MGC75096;
Gene ID	2268
mRNA Refseq	NM_001042729
Protein Refseq	NP_001036194
MIM	164940
UniProt ID	P09769

Result of activity analysis



Quality Control Testing



2 μg/lane SDS-PAGE Stained with Coomassie Blue

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