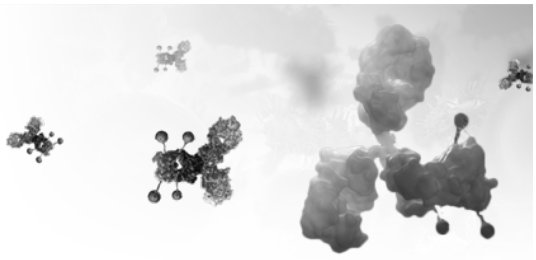

Human FGR peptide (DAG-P0520)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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, Jul 2008]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	FGR feline Gardner-Rasheed sarcoma viral oncogene homolog [Homo sapiens (human)]
Official Symbol	FGR
Synonyms	FGR; feline Gardner-Rasheed sarcoma viral oncogene homolog; SRC2; c-fgr; c-src2; p55-Fgr; p58-Fgr; p55c-fgr; p58c-fgr; tyrosine-protein kinase Fgr; p55-c-fgr protein; c-fgr protooncogene; proto-oncogene c-Fgr; c-src-2 proto-oncogene; proto-oncogene tyrosine-protein kinase FGR; v-fgr feline Gardner-Rasheed sarcoma viral oncogene homolog; Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog;
Entrez Gene ID	2268

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mRNA Refseq	NM_001042729.1
Protein Refseq	NP_001036194.1
UniProt ID	P09769
Chromosome Location	1p36.2-p36.1
Pathway	Alpha-synuclein signaling, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class I PI3K signaling events, organism-specific biosystem; EPHA forward signaling, organism-specific biosystem; Ephrin B reverse signaling, organism-specific biosystem; Epstein-Barr virus infection, organism-specific biosystem; Epstein-Barr virus infection, conserved biosy
Function	ATP binding; Fc-gamma receptor I complex binding; immunoglobulin receptor binding; non-membrane spanning protein tyrosine kinase activity; phosphotyrosine binding; protein binding; protein kinase binding; protein tyrosine kinase activity;

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