



Human FGR blocking peptide (CDBP1225)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FGR antibody
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 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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

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;
Entrez Gene ID	2268
mRNA Refseq	NM_001042729
Protein Refseq	NP_001036194
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;
Function	ATP binding; Fc-gamma receptor I complex binding; immunoglobulin receptor binding; immunoglobulin receptor binding; non-membrane spanning protein tyrosine kinase activity; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; phospho