

Datasheet for ABIN2721125

Fgr Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	20 µg
Target:	Fgr (FGR)
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Fgr protein is labelled with Myc-DYKDDDDK Tag.
Application:	Functional Studies (Func), Antibody Production (AbP), Protein Interaction (PI), Standard (STD)

Product Details

Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.
Characteristics:	<ul style="list-style-type: none">• Recombinant human FGR / SRC2 (transcript variant 1) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone• Tested for bioactivity.
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Biological Activity Comment:	FGR activity verified in a biochemical assay; FGR activity verified in a biochemical assay:

Target Details

Target:	Fgr (FGR)
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Target Details

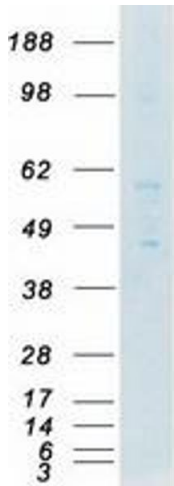
Alternative Name:	Fgr,src2 (FGR Products)
Background:	This gene is a member of the Src family of protein tyrosine kinases (PTKs). The encoded protein contains N-terminal sites for myristylation and palmitylation, a PTK domain, and SH2 and SH3 domains which are involved in mediating protein-protein interactions 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.
Molecular Weight:	59.3 kDa
NCBI Accession:	NP_005239
Pathways:	Sensory Perception of Sound , Stem Cell Maintenance , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays Protein-protein interaction In vitro biochemical assays and cell-based functional assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

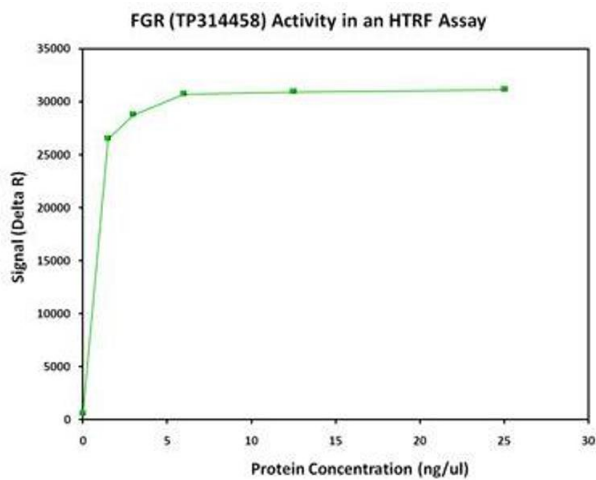
Handling

Concentration:	> 50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot



Activity Assay

Image 2. Bioactivity measured with Activity Assay