



# Recombinant Human Tyrosine-protein kinase Fgr (FGR)

<b>Product Code</b>	CSB-EP008655HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P09769
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GCVFCKKLE PVATAKEDAG LEGDFRSYGA ADHYGPDPTK ARPASSFAHI PNYSNFSSQA INPGFLDSGT IRGVSGIGVT LFIALYDYEA RTEDDLTFTK GEKFHILNNT EGDWWEARSL SSGKTGCIPS NYVAPVDSIQ AEEWYFGKIG RKDAERQLLS PGNPQGAFLI RESETTKGAY SLSIRDWDQT RGDHVKHYKI RKLDMGGYYI TTRVQFNSVQ ELVQHMEVN DGLCNLLIAP CTIMKPQTLG LAKDAWEISR SSITLERRLG TGCFGDVWLG TWNGSTKVAV KTLKPGTMSP KAFLEEAQVM KLLRHDKLVQ LYAVVSEEPY YIVTEFMCHG SLLDFLKNPE GQDLRLPQLV DMAAQVAEGM AYMERMNYIH RDLRAANILV GERLACKIAD FGLARLIKDD EYNPCQGSKF PIKWTAPEAA LFGRFTIKSD VWSFGILLTE LITKGRIPYP GMNKREVLEQ VEQGYHMPCP PGCPASLYEA MEQTWRLDPE ERPTFEYLQS FLEDYFTSAE PQYQPGDQT
<b>Source</b>	E.coli
<b>Target Names</b>	FGR
<b>Protein Names</b>	Recommended name: Tyrosine-protein kinase Fgr EC= 2.7.10.2 Alternative name(s): Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog Proto-oncogene c-Fgr p55-Fgr p58-Fgr p58c-Fgr
<b>Expression Region</b>	2-529
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.