

Recombinant Human SH3 Domain Binding Glutamic Acid-Rich Protein Like, His-tagged

Cat. No. SH3BGRL-6952H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SH3BGRL protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-114aa
Description	SH3BGRL is a member of the human SH3BGR family. SH3BGRL gene located to chromosome Xq13.3 encodes for a small protein of 114 amino acids, which is apparently widely expressed in many tissues including liver and blood. SH3BGRL protein features a prolinerich sequence (PLPPQIF), which contains both the SH3 binding (PXXP) ³ and the Homer EVH1 binding (PPXXF) ⁴ motif.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.15M NaCl.
Molecular Mass	15.3 kDa (138aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMVRVY IASSSGSTAI KKKQQDVLGF LEANKIGFEE KDIAANEENR KWMRENVPEN SRPATGYPLP PQIFNESQYR GDYDAFFEAR ENNAVYAFLG LTAPPGSKEA EVQAKQQA
Purity	>95% by SDS - PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	SH3BGRL SH3 domain binding glutamic acid-rich protein like [Homo sapiens]
Official Symbol	SH3BGRL
Synonyms	SH3BGRL; SH3 domain binding glutamic acid-rich protein like; SH3 domain-binding glutamic acid-rich-like protein; MGC117402; SH3-binding domain glutamic acid-rich protein like; SH3BGR;
Gene ID	6451
mRNA Refseq	NM_003022
Protein Refseq	NP_003013
MIM	300190
UniProt ID	O75368
Chromosome Location	Xq13.3
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem;

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Function

SH3 domain binding; SH3/SH2 adaptor activity;

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