

Recombinant Human SH3 Domain Binding Glutamic Acid-Rich Protein Like 3, His-tagged

Cat. No. SH3BGRL3-7147H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SH3BGRL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 12.8 kDa.
Species	Human
Source	E.coli
ProteinLength	1-93aa
Description	SH3 domain-binding glutamic acid-rich-like protein 3, also known as SH3BGRL3, is located to chromosome 1p34.3-35 encodes for a small protein of 93 amino acids. SH3BGRL3 is the new member of thioredoxin (TRX) super family, whose posttranslational modified form was identified as tumor necrosis factor alpha (TNF-alpha) inhibitory protein. It may function as a regulator in all-trans retinoic acid-induced pathway.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	12.8 kDa (116aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGLRVY STSVTGSREI KSQQSEVTRI LDGKRIQYQL VDISQDNALR DEMRALAGNP KATPPQIVNG DQYCGDYELF

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	VEAVEQNTLQ EFLKLA
Purity	>95% by SDS - PAGE
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	SH3BGRL3 SH3 domain binding glutamic acid-rich protein like 3 [Homo sapiens]
Official Symbol	SH3BGRL3
Synonyms	SH3BGRL3; SH3 domain binding glutamic acid-rich protein like 3; TIP-B1; SH3BP-1; SH3 domain-binding glutamic acid-rich-like protein 3; SH3BGRL3-like protein; TNF inhibitory protein; SH3 domain-binding protein; P1725; SH3 domain-binding protein 1
Gene ID	83442
mRNA Refseq	NM_031286
Protein Refseq	NP_112576
UniProt ID	Q9H299
Chromosome Location	1p36.11

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Function

electron carrier activity; protein disulfide oxidoreductase activity

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