

#### OriGene Technologies, Inc.

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# Product datasheet for AR50464PU-S

## SH3BGRL (1-114, His-tag) Human Protein

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	SH3BGRL (1-114, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMVIRVY IASSSGSTAI KKKQQDVLGF LEANKIGFEE KDIAANEENR KWMRENVPEN SRPATGYPLP PQIFNESQYR GDYDAFFEAR ENNAVYAFLG LTAPPGSKEA EVQAKQQA
Tag:	His-tag
Predicted MW:	15.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.15M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SH3BGRL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 003013</u>
Locus ID:	6451
UniProt ID:	<u>O75368</u> , <u>V9HW48</u>
Cytogenetics:	Xq21.1
Synonyms:	HEL-S-115; SH3BGR

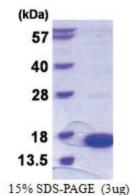


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#### SH3BGRL (1-114, His-tag) Human Protein – AR50464PU-S

Summary: SH3BGRL, also known as SH3 domain-binding glutamic acid-rich-like protein, 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. This proline-rich region is highly conserved in human SH3BGR family and was expected to be functionally important.

## **Product images:**



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