

Product datasheet for **AR50464PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	SH3BGRL (1-114, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMIRVY IASSSGSTAI KKKQQDVLGF LEANKIGFEE KDIAANEENR KWMRENVPE 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:	NP_003013
Locus ID:	6451
UniProt ID:	O75368 , V9HW48
Cytogenetics:	Xq21.1
Synonyms:	HEL-S-115; SH3BGR



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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: