

Product information



SH3BGRL3, 1-93aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1715

Full name: SH3 domain-binding glutamic acid-rich-like protein 3

NCBI Accession No.: NP_112576

Synonyms: SH3BP-1, TIP-B1

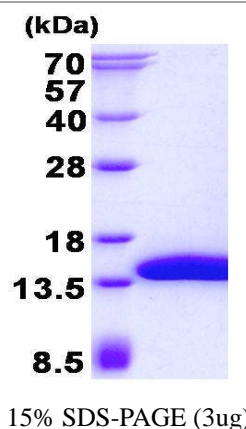
Description: SH3 domain-binding glutamic acid-rich-like protein 3, also known as SH3BGRL3, is located to chromosome 1p34.3-35 encodes for a small protein of 93 amino acids. SH3BGRL3 is the new member of thioredoxin (TRX) super family, whose posttranslational modified form was identified as tumor necrosis factor alpha (TNF-alpha) inhibitory protein. It may function as a regulator in all-trans retinoic acid-induced pathway. Recombinant human SH3BGRL3 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,
10% glycerol, 1mM DTT

Molecular Weight: 12.8 kDa (116aa) confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SGLVPRGSH MGSMSGLRVY STSVTGSREI KSQQSEVTRI LDGKRIQYQL VDI SQDNALR DEMRALAGNP KATPPQIVNG
DQYCGDYELF VEAVEQNTLQ EFLKLA

General references:

Mazzocco M., *et al.* (2002) *Gene*. 291:233-9

Xu C., *et al.* (2005) *FEBS Lett.* 579: 2788-94.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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