Recombinant human SH3BGRL3 protein

Catalog Number: ATGP1715

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-93aa

UniProt No.
Q9H299

NCBI Accession No.
NP_112576

Alternative Names
SH3 domain-binding glutamic acid-rich-like protein 3, SH3 domain-binding glutamic acid-rich-like protein 3, SH3BP-1, TIP-B1

PRODUCT SPECIFICATION

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

Concentration
1mg/ml (determined by Bradford assay)

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

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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chromatography techniques.

Amino acid Sequence

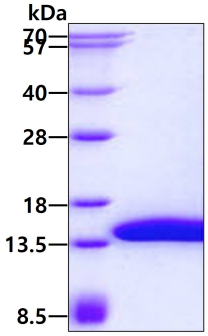
<MGSSHHHHHH SSGLVPRGSH MGS>MSGLRVY STSVTGSREI KSQQSEVTRI LDGKRIQYQL VDISQDNALR DEMRALAGNP KATPPQIVNG DQYCGDYELF VEAVEQNTLQ EFLKLA

General References

Mazzocco M., et al. (2002) Gene. 291:233-9
Xu C., et al. (2005) FEBS Lett. 579: 2788-94.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.