

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

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

SPECIFICATION

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| 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 SGLVPRGSH 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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