
Product Data Sheet

Product Name: SH3BGRL3 Human
 Cat. No.: GP24576
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	SH3 Domain Binding Glutamic Acid-Rich Protein Like 3; SH3BGRL3-Like Protein; SH3 Domain-Binding Protein 1; SH3BP-1; TNF Inhibitory Protein; TIP-B1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGLRVY STSVTGSREI KSQQSEVTRI LDGKRIQYQL VDISQDNALR DEMRALAGNP KATPPQIVNG DQYCGDYELF VEAVEQNTLQ EFLKLA		
Formulation	The SH3BGRL3 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.		

Introduction

SH3 domain-binding glutamic acid-rich-like protein 3 (SH3BGRL3) which is located on chromosome 1p34.3-35, encodes for a small 93 amino acids protein. SH3BGRL3 is the newest member of thioredoxin super family, whose posttranslational altered form was recognized as TNF-alpha inhibitory protein. SH3BGRL3 may act as a regulator in all-trans retinoic acid-induced pathway and also as a modulator of glutaredoxin biological activity.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

SH3BGRL3 Human Recombinant produced in E. coli is a single polypeptide chain containing 116 amino acids (1-93) and having a molecular mass of 12.8 kDa. SH3BGRL3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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