
Product Data Sheet

Product Name: SH3BGRL Human
 Cat. No.: GP24574
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	SH3 domain-binding glutamic acid-rich-like protein; SH3BGRL; SH3BGR.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMVRVY IASSSGSTAI KKKQQDVLGF LEANKIGFEE KDIAANEENR KWMRENVPEN SRPATGYPLP PQIFNESQYR GDYDAFFEAR ENNAVYAFLG LTAPPGSKEA EVQAKQQA.		
Formulation	SH3BGRL protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.15M NaCl.		

Introduction

SH3 domain-binding glutamic acid-rich-like protein (SH3BGRL) belongs to the human SH3BGR family. SH3BGRL gene which is located to chromosome Xq13.3, encodes a small protein of 114 amino acids that is extensively expressed in various tissues including liver and blood. SH3BGRL protein contains a prolinerich sequence (PLPPQIF), which is comprised of both the SH3 binding (PXXP)₃ and the Homer EVH1 binding (PPXXF)₄ motif.

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

SH3BGRL Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 138 amino acids (1-114 a.a) and having a molecular mass of 15.3kDa. SH3BGRL is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA