
Product Data Sheet

Product Name: SH3BGRL2 Human
 Cat. No.: GP24575
 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 2; Fovea-Associated SH3 Domain-Binding Protein; FASH3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMVIRVFI ASSSGFVAIK KKQQDVVRFLEANKIEFEEV DITMSEEQRQ WMYKNVPPEK KPTQGNPLPP QIFNGDRYCG DYDSFFESKE SNTVFSFLGL KURLASKAEP		
Formulation	The SH3BGRL2 solution (0.5mg/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 2 (SH3BGRL2) belongs to the human SH3BGR family. SH3BGRL2 is a protein of 107 amino acids, which, like SH3BGR and SH3BGRL3 proteins, is highly homologous to the N-terminal region of the SH3BGR protein and seems to be related to Glutaredoxins and to PKC-interacting cousin of thioredoxin homology domain. SH3BGRL2 is highly expressed in the brain, placenta, liver and kidney and it is also expressed in the retina. The SH3BGRL2 gene is located to chromosome 6q13-15 and its messenger RNA has a large 3' untranslated region containing several AUUUA repeats.

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

SH3BGRL2 Human Recombinant produced in E. coli is a single polypeptide chain containing 130 amino acids (1-107) and having a molecular mass of 14.7 kDa. SH3BGRL2

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

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is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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