

Recombinant human SH3BGR2 protein

Catalog Number: ATGP1714

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-107aa

UniProt No.

Q9UJC5

NCBI Accession No.

NP_113657

Alternative Names

SH3 domain-binding glutamic acid-rich-like protein 2, FASH3, Fovea-associated SH3 domain-binding protein, SH3 domain-binding glutamic acid-rich-like protein 2, SH3 domain binding glutamic acid rich like protein 2

PRODUCT SPECIFICATION

Molecular Weight

14.7 kDa (130aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 90% 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 2, also known as SH3BGR2, is a member of the human SH3BGR family. SH3BGR2 gene located to chromosome 6q13-15 and its messenger RNA has a large 3' untranslated region containing several AuuuA repeats. SH3BGR2 codes for a protein of 107 amino acids, which, like SH3BGR and SH3BGR3 proteins, is highly homologous to the N-terminal region of the SH3BGR protein and appears to be related to Glutaredoxins and to PKC-interacting cousin of thioredoxin homology domain.

Recombinant human SH3BGRL2 protein

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Recombinant human SH3BGRL2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSMVIRVFI ASSSGFVAIK KKQQDVVRF EANKIEFEEV DITMSEEQRQ WMYKNVPPEK
KPTQGNPLPP QIFNGDRYCG DYDSFFESKE SNTVFSFLGL KPRLASKAEP

General References

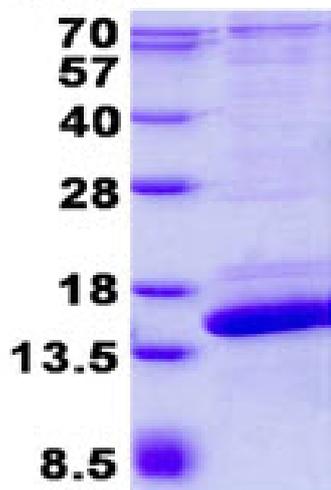
Mazzocco M., et al. (2002) Gene. 291:233-9

Egeo A., et al. (1998) Biochem Biophys Res Commun. 247: 302-306.

DATA

SDS-PAGE

(kDa)



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

15% SDS-PAGE (3ug)