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Recombinant human BRK1 protein

Catalog Number: ATGP2513

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-75aa

UniProt No.

08WUW1

NCBI Accession No.

NP 060932

Alternative Names

Protein BRICK1, C3orf10, hHBrk1, HSPC300, MDS027, BRICK1 subunit of SCAR/WAVE actin nucleating complex, Haematopoietic stem/progenitor cell protein 300

PRODUCT SPECIFICATION

Molecular Weight

11.1 kDa (98aa) 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, 20% 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

BRK1 involved in regulation of actin and microtubule organization. This protein is a part of a WAVE complex that activates the Arp2/3 complex. It belongs to the BRK1 family. Recombinant human BRK1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

< MGSSHHHHHH SSGLVPRGSH MGS>MAGOEDP VOREIHODWA NREYIEIITS SIKKIADFLN SFDMSCRSRL ATLNEKLTAL



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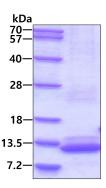
ERRIEYIEAR VTKGETLT

General References

Eden S, Rohatgi R, et al. (2002). Nature. 418(6899):790-3. Cascon A, Escobar B, et al. (2007). Hum Mutat. 28(6):613-21.

DATA

SDS-PAGE



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

