
Product Data Sheet

Product Name: BRK1 Human
 Cat. No.: GP22899
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	BRICK1 SCAR/WAVE Actin-Nucleating Complex Subunit; Haematopoietic Stem/Progenitor Cell Protein 300; Homolog (Arabidopsis Thaliana); Chromosome 3 Open Reading Frame 10; Probable Protein BRICK1; BRICK1; HSPC300; MDS027; C3orf10.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGQEDP VQREIHQDWA NREYIEIITS SIKKIADFLN SFDMSCRSRL ATLNEKLTAL ERRIEYIEAR VTKGETLT		
Formulation	The BRK1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 150mM NaCl and 20% glycerol.		

Introduction

BRK1 is a member of the BRK1 family. BRK1 takes part in regulating actin and microtubule organization and is a fragment of a WAVE complex which activates the Arp2/3 complex.

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

BRK1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 98 amino acids (1-75) and having a molecular mass of 11.0 kDa. BRK1 is fused to a 23 amino acid His-tag at N-terminus.

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

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