

BRK1, 1-75aa, Human, His tag, E.coli

Cat.NO.: TP01368

3th Edition

Synonyms:Protein BRICK1, C3orf10, hHBrk1, HSPC300, MDS027

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.

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

Molecular Weight:11 kDa (98aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMAGQEDPVQREIHQDWANREYIEIITSSIKKIADFLNSFDMSCRSRLATLNEK
LTALERRIEYIEARVTKGETLT

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.