

## Product datasheet for **AR51333PU-N**

### BRICK1 / C3orf10 (1-75, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	BRICK1 / C3orf10 (1-75, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAGQEDP VQREIHQDWA NREYIEIITS SIKKIADFLN SFDMSCRSRL ATLNEKLTAL ERRIEYIAR VTKGETLT
Tag:	His-tag
Predicted MW:	11 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human BRK1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_060932</a>
Locus ID:	55845
UniProt ID:	<a href="#">Q8WUW1</a>
Cytogenetics:	3p25.3
Synonyms:	C3orf10; hHBrk1; HSPC300; MDS027



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**Summary:** Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the Arp2/3 complex. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (By similarity).  
[UniProtKB/Swiss-Prot Function]

**Protein Pathways:** Regulation of actin cytoskeleton

**Product images:**

