Datasheet for ABIN7317544

CDC42BPB Protein (GST tag,His tag)

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Overview

Quantity:	50 µg
Target:	CDC42BPB
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC42BPB protein is labelled with GST tag,His tag.

Product Details

Purpose:	Recombinant Human CDC42BPB Protein (His & GST Tag)
Sequence:	Met 1-His 427
Characteristics:	A DNA sequence encoding the amino acid (Met 1-His 427) of human CDC42BPB (Q9Y5S2) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 94 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CDC42BPB
Alternative Name:	CDC42BPB (CDC42BPB Products)
Background:	Background: CDC42BPB is a member of the serine / threonine protein kinase family that contains a Cdc42 / Rsc-binding p21 binding domain similar to that of PAK kinase. The kinase domain of this protein is related to the myotonic dystrophy kinase related ROK and this kinase

Target Details

	may have functions in downstream regulating of Cdc42 in cytoskeletal recognization. It has been reported that the CDC42BPB protein take part in regulating numerous cellular functions by binding to members of a serine / threonine protein kinase subfamily. These functions include the remodeling of the cell cytoskeleton that is a feature of cell growth and differentiation. Synonym: MRCKB
Molecular Weight:	82.4 kDa
UniProt:	Q9Y5S2

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 50 mM PBS, 500 mM NaCl, 10 % glycerol, 2 mM GSH, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.