

## Recombinant Human CDC42BPB protein(Met1-His427), His&GST-tagged

Cat. No. CDC42BPB-2501H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDC42BPB (Q9Y5S2)(Met 1-His 427) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-His427
<b>Form</b>	Lyophilized from sterile 50mM PBS, 500mM NaCl, 10% gly, 2mM GSH, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CDC42BPB/GST chimera consists of 709 amino acids and has a calculated molecular mass of 82.4 kDa. It migRates as an approximately 70 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 94 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CDC42BPB CDC42 binding protein kinase beta (DMPK-like) [ Homo sapiens ]

**Official Symbol** CDC42BPB

**Synonyms** CDC42BPB; CDC42 binding protein kinase beta (DMPK-like); CDC42 binding protein kinase beta (DMPK like); serine/threonine-protein kinase MRCK beta; KIAA1124; MRCKB; MRCK beta; CDC42BP-beta; DMPK-like beta; myotonic dystrophy protein kinase-like beta; CDC42-binding protein kinase beta (DMPK-like); myotonic dystrophy kinase-related CDC42-binding kinase beta; FLJ37601; FLJ44730; DKFZp686H1431;

**Gene ID** 9578

**mRNA Refseq** NM\_006035

**Protein Refseq** NP\_006026

**MIM** 614062

**UniProt ID** Q9Y5S2

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