

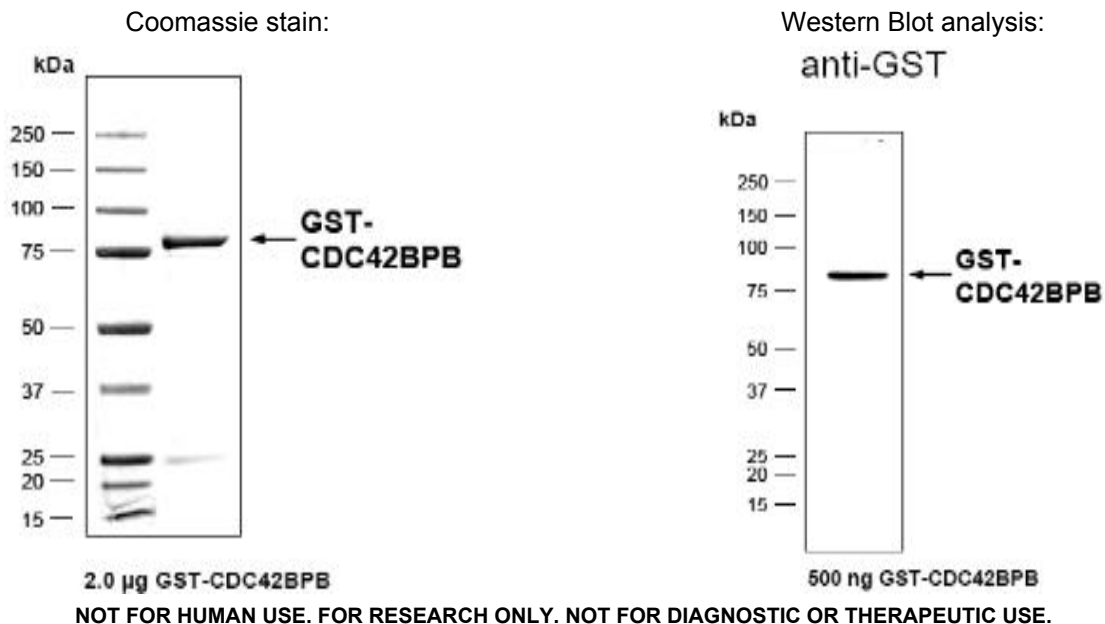
CDC42BPB

Recombinant Human CDC42 Binding Protein Kinase beta (aa 1-472) GST-His-Tagged Active

Catalog No.	CRC025A	Quantity:	10 µg
Alternate Names:	MRCKB		
Description:	Recombinant human CDC42BPB containing amino acids M ₁ -H ₄₇₂ (as in GenBank entry NM_006035)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site. *Sequence may contain documented polymorphisms. Detailed sequence available upon request.		
Concentration:	0.205 mg/ml		
Gene ID:	9578		
Protein Accession No:	NP_006026		
Source:	Sf9 cells		
Molecular Weight:	84.4 kDa		
Formulation:	Liquid in 50 mM Tris-HCl, pH 8.0 + 100 mM NaCl + 5 mM DTT + 4 mM reduced glutathione + 20% glycerol		
Purification:	Affinity purified using GSH-agarose		
Specific Activity:	14 pmol/µg x min Method for determination of K _m value & Specific activity: Assay conditions: 60 mM HEPES-NaOH, pH 7.5 3 mM MgCl ₂ 3 mM MnCl ₂ 3 µM Na-orthovanadate 1.2 mM DTT 2.5 µg / 50 µl PEG _{20,000} ATP (variable) Substrate: hum. INSR-rel. receptor (917-923) derived peptide (KKRNRTLTK) 1 µg / 50 µl Recombinant CDC42BPB: 50 ng / 50 µl Filter binding assay MSPH membrane (Millipore)		



Storage & Stability: Store in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**



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