

Active Recombinant Human CAMK2B protein, His&GST-tagged

Cat. No. CAMK2B-970H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CAMK2B protein(Q13554-3) (Met 1-Gln 503) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-503 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 2mM GSH, 0.5mM PMSF, 10% gly, pH 8.0.
Bio-activity	The specific activity was determined to be 300 nmol/min/mg using Autocamtide-2 synthetic peptide (KKALRRQETVDAL-amide) as substrate.
Molecular Mass	The recombinant human CAMK2B/GST chimera consists of 740 amino acids and has a calculated molecular mass of 84.2 kDa. It migrates as an approximately 85 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 60 % as determined by SDS-PAGE

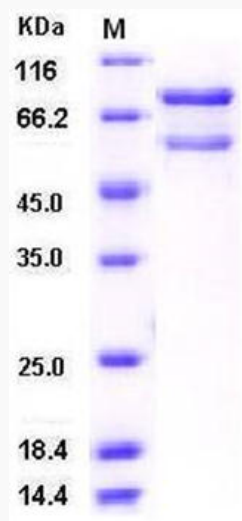
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.1-1.0 mg/ml
GENE INFORMATION	
Gene Name	CAMK2B calcium/calmodulin-dependent protein kinase II beta [Homo sapiens]
Official Symbol	CAMK2B
Synonyms	CAMK2B; calcium/calmodulin-dependent protein kinase II beta; calcium/calmodulin dependent protein kinase (CaM kinase) II beta, CAMKB; calcium/calmodulin-dependent protein kinase type II subunit beta; calcium/calmodulin dependent protein kinase type II beta chain; CaM kinase II beta subunit; CaM kinase II beta chain; CAM2; CAMK2; proline rich calmodulin dependent protein kinase; caMK-II subunit beta; CaM-kinase II beta chain; proline rich calmodulin-dependent protein kinase; CAMKB; MGC29528;
Gene ID	816
mRNA Refseq	NM_001220
Protein Refseq	NP_001211
MIM	607707
UniProt ID	Q13554

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA