

Active Recombinant Human PRKD2 protein, His&GST-tagged

Cat. No. PRKD2-763H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PRKD2 protein(Met 1-Leu 878)(NP_057541.2) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-878 aa
Form	Supplied as sterile 50mM Tris, 500mM NaCl, 0.5mM PMSF, 10% glycerol, pH 8.0.
Bio-activity	The specific activity was determined to be 86 nmol/min/mg using synthetic CREBtide peptide (KRREILSRPSYR) as substrate.
Molecular Mass	The recombinant human PRKD2/GST chimera consists of 1115 amino acids and has a calculated molecular mass of 124 kDa. It migrates as an approximately 120 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 82 % as determined by SDS-PAGE
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-

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thaw cycles.

Concentration 0.1-1.0 mg/ml**GENE INFORMATION****Gene Name** PRKD2 protein kinase D2 [Homo sapiens]**Official Symbol** PRKD2**Synonyms** PRKD2; protein kinase D2; serine/threonine-protein kinase D2; DKFZP586E0820; HSPC187; PKD2; nPKC-D2;**Gene ID** 25865**mRNA Refseq** NM_001079880**Protein Refseq** NP_001073349**MIM** 607074**UniProt ID** Q9BZL6 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