

Mouse PKC delta / PRKCD Protein (His & GST Tag)

Catalog Number: 50345-M20B



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Biological Solution Specialist

General Information

Gene Name Synonym:

42125; ALPS3; CVID9; nPKC-delta; PKCD; AI385711; D14Ert420e; Pkcd; PKCdelta; PKC[d]

Protein Construction:

A DNA sequence encoding the mouse PRKCD isoform 1 (P28867-1) (Met 1-Ile 674) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Source: Mouse

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 93 % as determined by SDS-PAGE

Bio Activity:

Kinase activity untested

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant mouse PRKCD/GST chimera consists of 912 amino acids and has a calculated molecular mass of 106 kDa as estimated in SDS-PAGE under reducing conditions.

Formulation:

Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

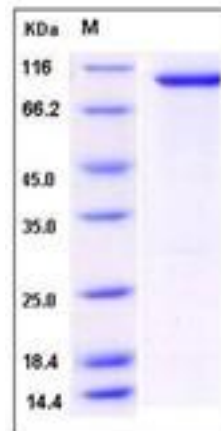
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1. Cross T, *et al.* (2000) PKC-delta is an apoptotic lamin kinase. *Oncogene*. 19(19): 2331-7.
2. Song JS, *et al.* (1998) Tyrosine phosphorylation-dependent and -independent associations of protein kinase C-delta with Src family kinases in the RBL-2H3 mast cell line: regulation of Src family kinase activity by protein kinase C-delta. *Oncogene*. 16(26): 3357-68.
3. Shanmugam M, *et al.* (1998) Association of PKC delta and active Src in PMA-treated MCF-7 human breast cancer cells. *Oncogene*. 16(13): 1649-54.

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