

Recombinant Human Protein Kinase C, Eta, GST-tagged, Active

Cat. No. PRKCH-403H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human full-length PKCeta was expressed by baculovirus in <i>Sf9</i> cell using an N-terminal GST tag. MW=103 kDa.
Species	Human
Source	Sf9 Cells
Description	PKC η is a member of the protein kinase C (PKC) family of serine- and threonine-specific protein kinases that can phosphorylate a wide variety of protein targets known to be involved in diverse cellular signaling pathways. PKC η is predominantly expressed in squamous cell epithelia and induces terminal differentiation of keratinocytes. PKC η that is endogenously expressed or overexpressed is found to associate with the cyclin E/cdk2/p21 complex in keratinocytes of mice and humans.
Sequence	Full-length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

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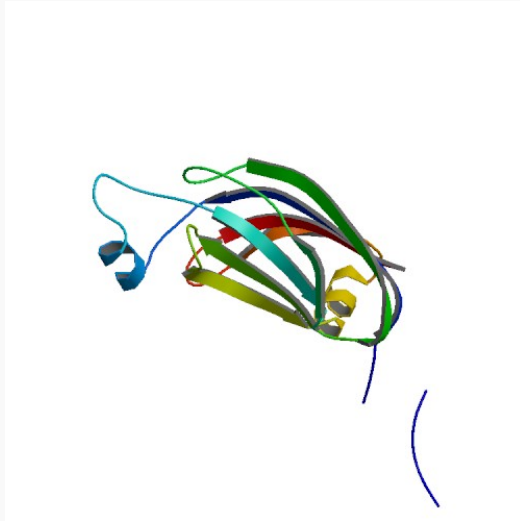
Gene Name	PRKCH protein kinase C, eta [Homo sapiens]
Synonyms	PRKCH; protein kinase C, eta; PKCL; PKC-L; PRKCL; MGC5363; MGC26269; nPKC-eta; Protein kinase C eta type; EC 2.7.11.13
Gene ID	5583
mRNA Refseq	NM_006255
Protein Refseq	NP_006246
UniProt ID	P24723
Chromosome Location	14q23.1
MIM	605437
Pathway	Tight junction; Vascular smooth muscle contraction
Function	ATP binding; protein kinase C activity; enzyme binding; metal ion binding; nucleotide binding; transferase activity; zinc ion binding

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PDB rendering based
on 2fk9.



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