

PKCeta, Active recombinant protein
PKC, PKC, Protein kinase C eta
Catalog # PBV11307r**Specification**

PKCeta, Active recombinant protein - Product info

Primary Accession	P24723
Concentration	0.1
Calculated MW	103.0 kDa KDa

PKCeta, Active recombinant protein - Additional Info

Gene ID	5583
Gene Symbol	PRKCH
Other Names	
PKC, PKC, Protein kinase C eta	

Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; Recombinant protein in storage buffer (50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 0.25 mM DTT, 0.1 mM EGTA, 0.1 mM EDTA, 0.1 mM PMSF, 25% glycerol).

PKCeta, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PKCeta, Active recombinant protein - Images**PKCeta, Active recombinant protein - Background**

PKC eta 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 (1).

PKCeta, Active recombinant protein - References

Bacher N.,et al.Mol. Cell. Biol. 11:126-133(1991).
Bacher N.,et al.Mol. Cell. Biol. 12:1404-1404(1992).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Heilig R.,et al.Nature 421:601-607(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.