

Datasheet for ABIN6700370 **PDE6C Protein (GST tag)**



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Overview

Quantity:	20 µg
Target:	PDE6C
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDE6C protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	PDE6C recombinant protein-GST fusion protein
Purification:	Recombinant full-length human PDE6C was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >75% by densitometry.
Purity:	>75%

Target Details

Target:	PDE6C
Alternative Name:	PDE6C (PDE6C Products)
Background:	Synonyms: PDEA2,PDE6C phosphodiesterase 6C Background: PDE6C or phosphodiesterase 6C, cGMP-specific, cone, alpha prime encodes the alpha-prime subunit of cone phosphodiesterase, which is composed of a homodimer of two

Target Details

alpha-prime subunits and 3 smaller proteins of 11, 13, and 15 kDa. PDE6C protein consists of 22 exons spanning approximately 48 kb of genomic DNA. The intron-exon structure of human PDE6C is very similar to that of rod PDE6B (1). A homologous genetic basis of the murine cpfl1 mutant and human achromatopsia linked to mutations in the PDE6C gene and mutations in PDE6C are associated with cone dystrophy type 4 (COD4) (2). PDE6C Protein is ideal to investigators involved in Signaling Proteins, Cellular Proteins, Cardiovascular Disease, and Inflammation research.

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: PDE6C Protein is suitable for use in Western Blot. Expect a band approximately ~125 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.1 µg/µL

Buffer: PDE6C Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: 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.

Expiry Date: 12 months