

## Product datasheet

# Recombinant Human PDE6C protein ab125587

1 Image

### Description

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<b>Product name</b>	Recombinant Human PDE6C protein
<b>Purity</b>	> 75 % Densitometry. Purity was determined to be >75% by densitometry. Affinity purified.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Accession</b>	<b><u>P51160</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Predicted molecular weight</b>	125 kDa including tags
<b>Amino acids</b>	1 to 858

### Specifications

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Our **Abpromise guarantee** covers the use of **ab125587** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot SDS-PAGE
<b>Form</b>	Liquid

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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### General Info

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<b>Involvement in disease</b>	Defects in PDE6C are the cause of cone dystrophy type 4 (COD4) [MIM:613093]. An early-onset
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cone dystrophy. Cone dystrophies are retinal dystrophies characterized by progressive degeneration of the cone photoreceptors with preservation of rod function, as indicated by electroretinogram. However, some rod involvement may be present in some cone dystrophies, particularly at late stage. Affected individuals suffer from photophobia, loss of visual acuity, color vision and central visual field. Another sign is the absence of macular lesions for many years. Cone dystrophies are distinguished from the cone-rod dystrophies in which some loss of peripheral vision also occurs.

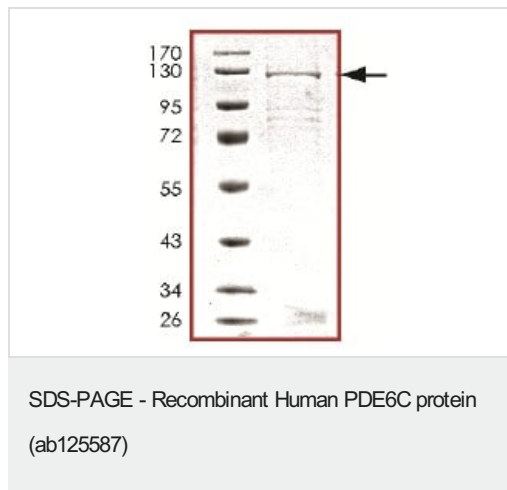
#### Sequence similarities

Belongs to the cyclic nucleotide phosphodiesterase family.  
Contains 2 GAF domains.

#### Cellular localization

Cell membrane.

### Images



SDS Page analysis of ab125587

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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