

## Product datasheet

# Recombinant human PDE3B protein ab125784

[5 Images](#)

### Description

<b>Product name</b>	Recombinant human PDE3B protein
<b>Biological activity</b>	The specific activity of ab125784 was determined to be 156 nmol/min/mg.
<b>Purity</b>	> 70 % Densitometry. Affinity purified.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Accession</b>	<b><u>Q13370</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Predicted molecular weight</b>	85 kDa including tags
<b>Amino acids</b>	654 to 1112
<b>Tags</b>	GST tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab125784** 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>	Functional Studies SDS-PAGE
<b>Form</b>	Liquid

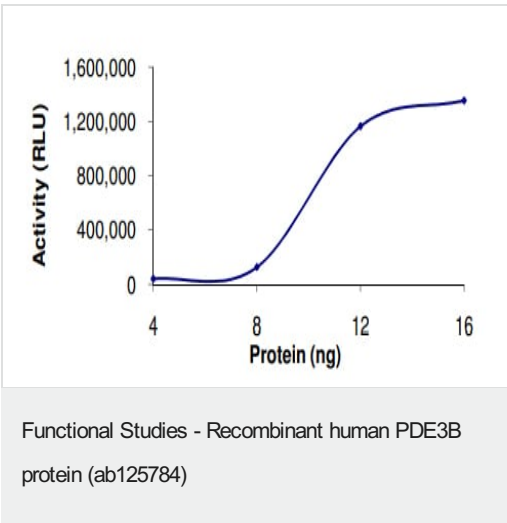
### Preparation and Storage

<b>Stability and Storage</b>	Shipped on Dry Ice. Store at -80°C.  pH: 7.50 Constituents: 0.002% PMSF, 0.005% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride  This product is an active protein and may elicit a biological response in vivo, handle with caution.
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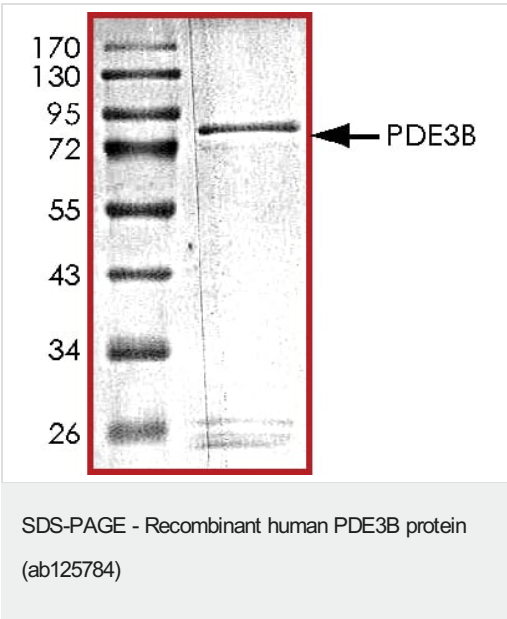
General Info

Function	Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. May play a role in fat metabolism.
Tissue specificity	Abundant in adipose tissues.
Sequence similarities	Belongs to the cyclic nucleotide phosphodiesterase family. PDE3 subfamily.
Cellular localization	Membrane.

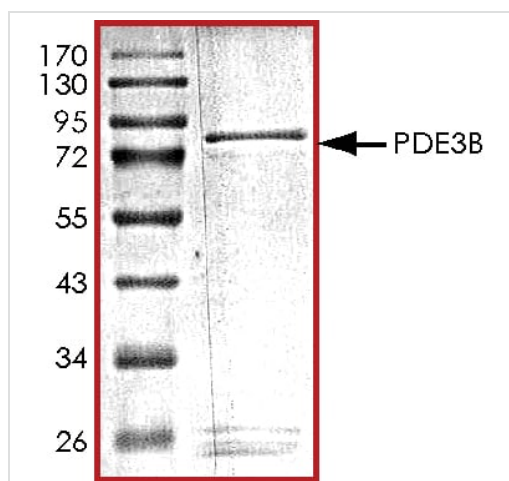
Images



The specific activity of PDE3B (ab125784) was determined to be 140 nmol/min/mg as per activity assay protocol

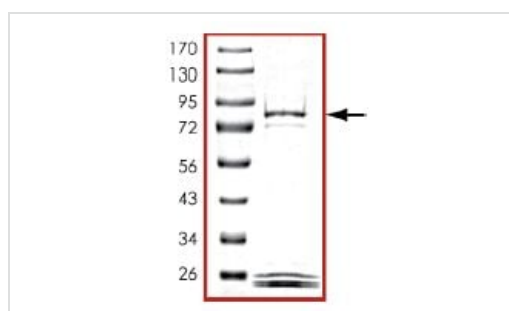


SDS PAGE analysis of ab125784



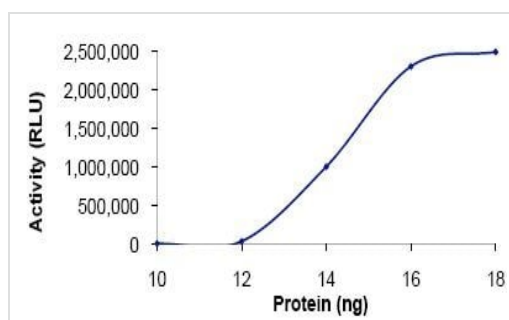
SDS PAGE analysis of ab125784

SDS-PAGE - Recombinant human PDE3B protein  
(ab125784)



SDS-PAGE analysis of ab125784.

SDS-PAGE - Recombinant human PDE3B protein  
(ab125784)



Sample assay showing the specific activity of ab125784 to be 156 nmol/min/mg.

Functional Studies - Recombinant human PDE3B  
protein (ab125784)

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

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