

Product datasheet

Recombinant human PDE3B protein ab125784

[5 Images](#)

Description

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

Applications	Functional Studies SDS-PAGE
Form	Liquid

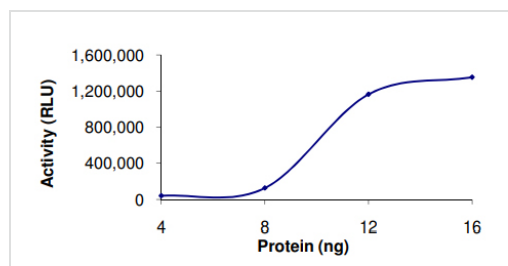
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. pH: 7.50 Constituents: 0.002% PMSF, 0.005% DTT, 0.79% Tris HCl, 25% Glycerol, 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

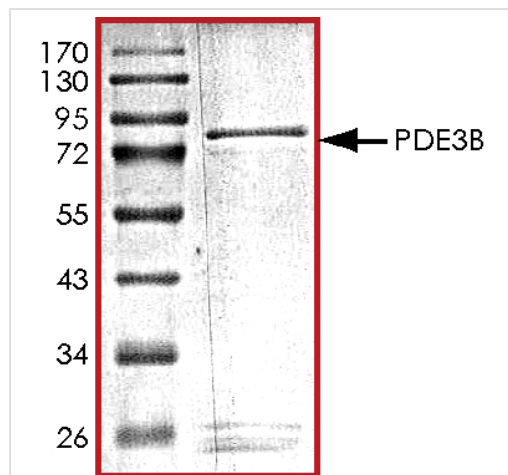
Function	Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. May play a role in fat metabolism.
Tissue specificity	Abundant in adipose tissues.
Sequence similarities	Belongs to the cyclic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

Images



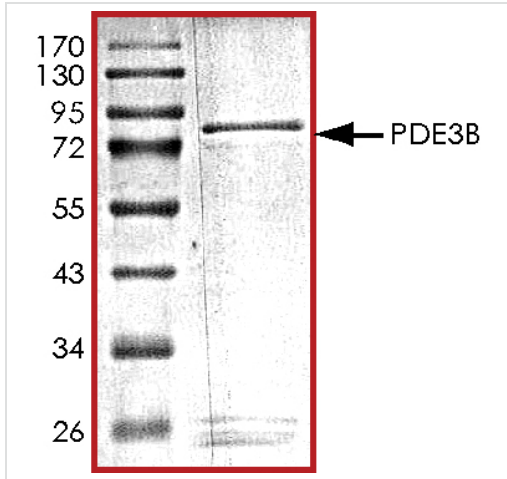
Functional Studies - Recombinant human PDE3B protein (ab125784)

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



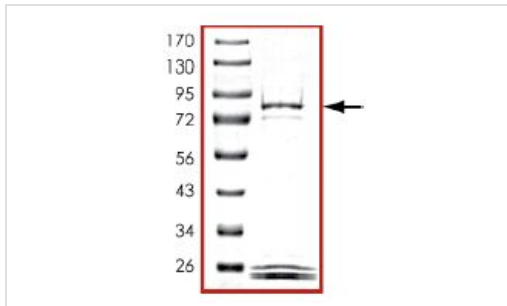
SDS-PAGE - Recombinant human PDE3B protein (ab125784)

SDS PAGE analysis of ab125784



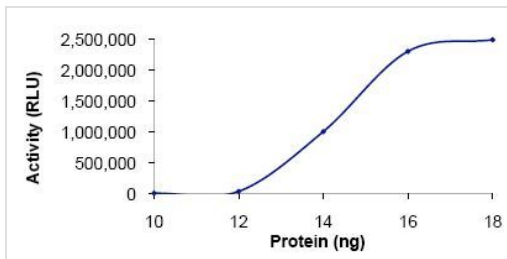
SDS PAGE analysis of ab125784

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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