

Product datasheet

Recombinant mouse PDE10A protein ab79743

画像数 2

製品の概要

製品名	Recombinant mouse PDE10A protein
タンパク質長	Full length protein

法規制情報

カルタヘナ法

製品の詳細

由来	Recombinant
由来	Baculovirus infected Sf9 cells
アミノ酸配列	
生物種	Mouse

特性

Our [Abpromise guarantee](#) covers the use of **ab79743** in the following tested applications.

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

生理活性	Specific Activity: 599 pmol/min/μg.
アプリケーション	Functional Studies SDS-PAGE
製品の状態	Liquid

前処理および保存

保存方法および安定性	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.0462% DTT, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol, 0.58% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
------------	---

関連情報

機能	Plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. Can hydrolyze both cAMP and cGMP, but has higher affinity for cAMP and is more efficient with cAMP as substrate.
組織特異性	Abundant in the putamen and caudate nucleus regions of brain and testis, moderately expressed in the thyroid gland, pituitary gland, thalamus and cerebellum.
パスウェイ	Purine metabolism; 3',5'-cyclic AMP degradation; AMP from 3',5'-cyclic AMP: step 1/1. Purine metabolism; 3',5'-cyclic GMP degradation; GMP from 3',5'-cyclic GMP: step 1/1.
配列類似性	Belongs to the cyclic nucleotide phosphodiesterase family. Contains 2 GAF domains.
ドメイン	The tandem GAF domains bind cAMP, and regulate enzyme activity. The binding of cAMP stimulates enzyme activity. Composed of a C-terminal catalytic domain containing two divalent metal sites and an N-terminal regulatory domain which contains one cyclic nucleotide-binding region.
細胞内局在	Cytoplasm. Located mostly to soluble cellular fractions.

画像

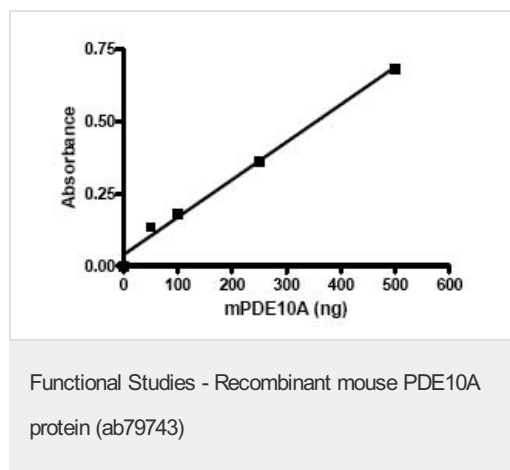
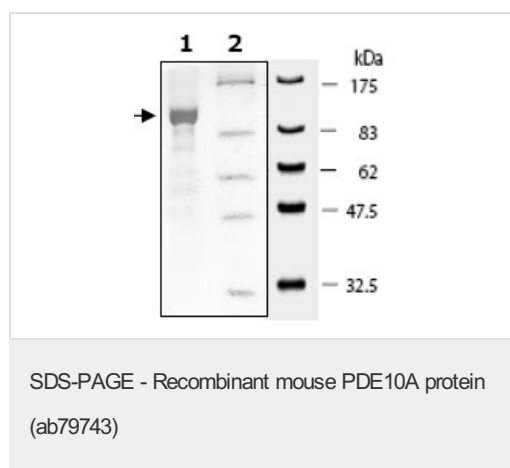


Image showing specific activity of ab79743.



10% SDS-PAGE showing ab79743 at approximately 114.5kDa (7µg).

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors