

Recombinant human PDE4B protein ab56612

Description

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| Product name | Recombinant human PDE4B protein |
| Biological activity | Specific Activity: 10000 U/μg. |
| Purity | > 50 % SDS-PAGE. Affinity purified. |
| Expression system | Baculovirus infected Sf9 cells |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Tags | GST tag N-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab56612** in the following tested applications.

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

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| Applications | SDS-PAGE Functional Studies |
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| Form | Liquid |
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Preparation and Storage

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| Stability and Storage | Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.1535% Glutathione, 0.0462% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol (glycerin, glycerine), 0.58% 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

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| Function | Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May be involved in mediating central nervous system effects of |
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| | therapeutic agents ranging from antidepressants to antiasthmatic and anti-inflammatory agents. |
| Tissue specificity | Expressed in brain, heart, lung and skeletal muscle. |
| Pathway | Purine metabolism; 3',5'-cyclic AMP degradation; AMP from 3',5'-cyclic AMP: step 1/1. |
| Sequence similarities | Belongs to the cyclic nucleotide phosphodiesterase family. PDE4 subfamily. |

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

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- Replacement or refund for products not performing as stated on the datasheet
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