

Product datasheet

Recombinant Human PDE8A protein ab114643

1 Image

Description	
Product name	Recombinant Human PDE8A protein
Expression system	Wheat germ
Accession	<u>O60658</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	RLPQGQKTAALPRTRGAGLLESELRDGSGKKVAVADVQF GPMRFHQDQLQ VLLVFTKEDNQCNGFCRACEKAGFKCTVTKEAQAVLACF L
Predicted molecular weight	36 kDa including tags
Amino acids	32 to 121

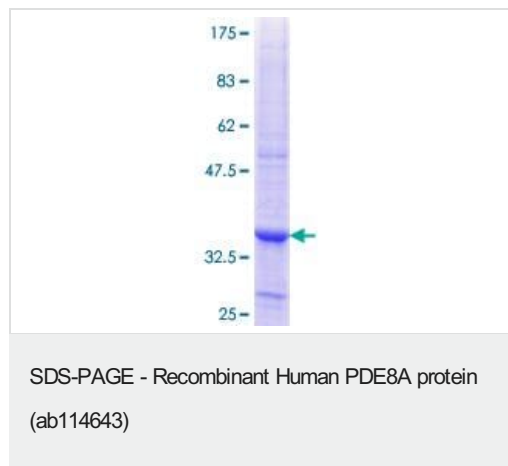
Specifications	
Our Abpromise guarantee covers the use of ab114643 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	ELISA SDS-PAGE Western blot
Form	Liquid

Preparation and Storage	
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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 maintaining basal levels of the cyclic nucleotide and/or in the cAMP regulation of germ cell development.
Tissue specificity	Expressed in most tissues except thymus and peripheral blood leukocytes. Highest levels in testis, ovary, small intestine and colon.
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. PDE8 subfamily. Contains 1 PAC (PAS-associated C-terminal) domain. Contains 1 PAS (PER-ARNT-SIM) domain.
Domain	Composed of a C-terminal catalytic domain containing two putative divalent metal sites and an N-terminal regulatory domain.

Images



12.5% SDS-PAGE image showing ab114643 Stained with Coomassie Blue.

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

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
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