

## Recombinant Human PDE10A protein, GST-tagged

Cat. No. PDE10A-160H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PDE10A protein(NP_001124162)(434-779 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	434-779 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	KLSYHSICTSEEWQGLMQFTLPVRLCKEIELFHFDIGPFENMWPGIFVYMVHRSCGT SCFELEKLCRFIMSVKKNYRRVPYHNWKHAVTVAHCMYAILQNNHTLFTDLERKGLL IACLCHDLDRGFNSNSYLQKFDHPLAALYSTSTMEQHHFSQTVSILQLEGHNIFSTLS SSEYEQVLEIIRKAIATDLALYFGNRKQLEEMYQTGSLNLNQSHRDRVIGLMMTAC DLCSVTKLWPVTKLTANDIYAEFWAEGDEMKKLGIQPIPMMDRDKKDEVPPQGQLGF YNAVAIPCYTTLTQILPPTPELLKACRDNLSQWEKVIRGEETATWISSPSVAQKAAAS ED
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** PDE10A phosphodiesterase 10A [ Homo sapiens ]

**Official Symbol** PDE10A

**Synonyms** PDE10A; phosphodiesterase 10A; cAMP and cAMP-inhibited cGMP 3,5-cyclic phosphodiesterase 10A; phosphodiesterase 10A1 (PDE10A1); dJ416F21.1 (phosphodiesterase 10A); HSPDE10A; FLJ11894; FLJ25677;

**Gene ID** 10846

**mRNA Refseq** NM\_001130690

**Protein Refseq** NP\_001124162

**MIM** 610652

**UniProt ID** Q9Y233

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA