

Recombinant Human PDE10A protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PDE10A protein(NP_001124162)(434-779 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	434-779 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	KLSYHSICTSEEWQGLMQFTLPVRLCKEIELFHFDIGPFENMWPGIFVYMVHRSCGT SCFELEKLCRFIMSVKKNYRRVPYHNWKHAVTVAHCMYAILQNNHTLFTDLERKGLL IACLCHDLDRGFSNSYLQKFDHPLAALYSTSTMEQHHFSQTVSILQLEGHNIFSTLS SSEYEQVLEIIRKAIATDLALYFGNRKQLEEMYQTGSLNLNQSHRDRVIGLMMTAC DLCSVTKLWPVTKLTANDIYAEFWAEGDEMKKLGIQIPMMDRDKKDEVPQGQLGF YNAVAIPCYTTLTQILPPTPELLKACRDNLSQWEKVIRGEETATWISSPSVAQKAAAS ED
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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  Fax: 1-631-938-8127

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

Reconstitution

Reconstitute at 0.25 µg/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

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