Recombinant Human PDE4C, GST-tagged

Cat. No. PDE4C-1600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE4C protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	259-322aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	PDE4C phosphodiesterase 4C, cAMP-specific [Homo sapiens]
Official Symbol	PDE4C
Synonyms	PDE4C; phosphodiesterase 4C, cAMP-specific; DPDE1, phosphodiesterase 4C, cAMP specific (dunce (Drosophila) homolog phosphodiesterase E1); cAMP-specific 3,5-cyclic phosphodiesterase 4C; phosphodiesterase E1 dunce homolog (Drosophila); PDE21; phosphodiesterase E1 dunce homolog; phosphodiesterase 4C,

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	cAMP-specific (phosphodiesterase E1 dunce homolog, Drosophila); DPDE1; MGC126222;
Gene ID	5143
mRNA Refseq	NM_000923
Protein Refseq	NP_000914
MIM	600128
UniProt ID	Q08493
Chromosome Location	19p13.11
Pathway	DARPP-32 events, organism-specific biosystem; G Protein Signaling Pathways, organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Morphine addiction, organism-specific biosystem; Morphine addiction, conserved biosystem; Opioid Signalling, organism-specific biosystem;
Function	3,5-cyclic-AMP phosphodiesterase activity; 3,5-cyclic-nucleotide phosphodiesterase activity; drug binding; hydrolase activity; metal ion binding; phosphoric diester hydrolase activity;

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