

Recombinant Human PDE1C protein, GST-tagged

Cat. No. PDE1C-1612 Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDE1C fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Protein Length	Full Length
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~99 kDa
Purity	>90 %
Applications	PDE Assay
Stability	1 yr at -70 centigrade from date of shipment
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul

 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

Shipping Product shipped on dry ice

GENE INFORMATION

Gene Name PDE1C phosphodiesterase 1C, calmodulin-dependent 70kDa [Homo sapiens]

Official Symbol PDE1C

Synonyms PDE1C; phosphodiesterase 1C, calmodulin-dependent 70kDa; phosphodiesterase 1C, calmodulin dependent (70kD); calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1C; Hcam3; hCam-3; cam-PDE 1C; Human 3,5 cyclic nucleotide phosphodiesterase (HSPDE1C1A);

Gene ID 5137

mRNA Refseq NM_005020

Protein Refseq NP_005011

MIM 602987

UniProt ID Q14123

Chromosome Location 7p15.1-p14.3

Pathway Ca-dependent events, organism-specific biosystem; CaM pathway, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Calmodulin induced events, organism-specific biosystem; Cam-PDE 1 activation, organism-specific biosystem; DAG and IP3 signaling, organism-specific biosystem;

 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



Function

calmodulin binding; calmodulin-dependent cyclic-nucleotide phosphodiesterase activity; hydrolase activity; metal ion binding; phosphoric diester hydrolase activity;

 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