

Recombinant Human PDE12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PDE12-4245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PDE12 MS Standard C13 and N15-labeled recombinant protein (NP_808881) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PDE12 (Phosphodiesterase 12) is a Protein Coding gene. Diseases associated with PDE12 include Noonan Syndrome 2 and Microphthalmia With Limb Anomalies. Gene Ontology (GO) annotations related to this gene include poly(A)-specific ribonuclease activity. An important paralog of this gene is CNOT6.
Molecular Mass	67.2 kDa
AA Sequence	MWRLPGARAALRVIRTAVEKLSRAEAGSQTAAGAMERAVVRCVPSEPKLSLSFALA DGS HKNMQRDQSEPLGRVLSRIATNALKGHAKAAAAKKSRKSRPNASGGAACSGP GPEPAVFCEPVVKLYYREEAVAEDVLNVD AWQDGAVLQIGDVKYKVERNPPAFT EL QLPRYIMAGFPVCPKLSLEFGDPASSLFRWYKEAKPGAAEPEVGVPSLSPSSPSS SWTETDVEERVYTPSNADIGLRLKLHCTPGDGQRF GHSRELESVCVVEAGPGTCTF DHRHLYTKKVTE DALIRTVSYN ILADTYAQTEFSRTVLYPYCAPYALELDYRQNLIQK ELTGYNADVICLQEVDR AVFSDSLVPALEAFGLEGVFRIKQHEGLATFYRKSKFSLLS QHDISFYEALES DPLHKELLEKLVLYPSAQEKVLQRSSVLQVSVLQSTKDSSKRICVA NTHLYWHPKGGYIRLIQMAVALAHIRHVSCDLYPGIPVIFCGDFNSTPSTGMYHFVIN

 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

GSIPEDHEDWASNGEEERCNMSLTHFFKLKSACGEPAYTNYVGGFHGCLDYIFIDLN
ALEVEQVIPLPSHEEVTTTHQALPSVSHPSDHIALVCDLKWKTRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PDE12 phosphodiesterase 12 [Homo sapiens (human)]

Official Symbol PDE12

Synonyms PDE12; phosphodiesterase 12; 2,5-phosphodiesterase 12; 2 PDE; 2 phosphodiesterase; DKFZp667B1218; 2-PDE; 2-phosphodiesterase;

Gene ID 201626

mRNA Refseq NM_177966

Protein Refseq NP_808881

MIM 616519

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

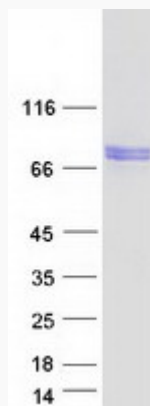
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

UniProt ID

Q6L8Q7

SDS-PAGE

 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