

Recombinant Human PDE6H Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PDE6H-5259H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PDE6H MS Standard C13 and N15-labeled recombinant protein (NP_006196) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes the inhibitory (or gamma) subunit of the cone-specific cGMP phosphodiesterase, which is a tetramer composed of two catalytic chains (alpha and beta), and two inhibitory chains (gamma). It is specifically expressed in the retina, and is involved in the transmission and amplification of the visual signal. Mutations in this gene are associated with retinal cone dystrophy type 3A (RCD3A).
Molecular Mass	9.1 kDa
AA Sequence	MSDNTTLPAPASNQGPTTPRKGPFFKQRQTRQFKSKPPKKGVKGFDDIPGMEGLGTDITVICPWEAFSHLELHELAQFGIITRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

 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

Concentration 50 µg/mL as determined by BCA

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

GENE INFORMATION

Gene Name PDE6H phosphodiesterase 6H [Homo sapiens (human)]

Official Symbol PDE6H

Synonyms PDE6H; RCD3; ACHM6; phosphodiesterase 6H, cGMP-specific, cone, gamma; retinal cone rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit gamma; GMP-PDE gamma; EC 3.1.4.35

Gene ID 5149

mRNA Refseq NM_006205

Protein Refseq NP_006196

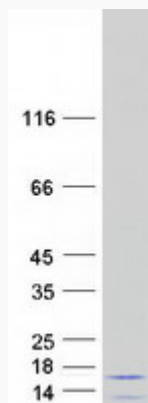
MIM 601190

UniProt ID Q13956

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SDS-PAGE

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