

# Human PDE6H Recombinant Protein



RPPB2079

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## Product Information   Protein Information

**Product SKU:**

RPPB2079

**Accession:**

Q13956

**Host:**

Escherichia Coli.

**Protein description:**

PDE6H Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 106 amino acids (1-83 a.a) and having a molecular mass of 11.5 kDa. PDE6H is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Phosphodiesterase 6H, CGMP-Specific, Cone, Gamma, Retinal Cone Rhodopsin-Sensitive CGMP 3',5'-Cyclic Phosphodiesterase, Subunit Gamma, EC 3.1.4.35, EC 3.1.4.17, RCD3, GMP-PDE Gamma, ACHM6, PDE6H.

**Formulation:**

PDE6H protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol, 2mM DTT and 0.1mM PMSF.

**Purity:**

Greater than 80% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MGSMSDNTTL PAPASNQGPT TPRKGPPKFK QRQTRQFKSK PPKKGVKGF  
G DDIPGMEGLG TDITVICPWE AFSHLELHEL AQFGII.