

## Phosphodiesterase 6H cGMP-Specific Cone Gamma Human Recombi-

<b>Item Number</b>	rAP-1098
<b>Synonyms</b>	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.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q13956
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGMSDNTTL PAPASNQGPT TPRKGPPKFK QRQTRQFKSK PPKKGVKGF DDIPGMEGLG TDITVICPWE AFSHLELHEL AQFGII.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	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. Greater than 80% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**