

Product Data Sheet

Recombinant Human PDE4D Protein

Catalog #	Source	Reactivity	Applications
CST1583	E. coli	H	
Description	Recombinant Human PDE4D Protein is produced by E. coli expression system and the target gene encoding Glu391-Ser710 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	PDE4D		
Alternative Names	DPDE3; cAMP-specific 3',5'-cyclic phosphodiesterase 4D; DPDE3; PDE43		
Entrez Gene	5144		
SwissProt	Q08499		
Purity			
Chemical Structure	EDVLAKELED VNKWGLHVFR IAELSGNRPL TVIMHTIFQE RDLLKTFKIP VDTLITYLMT LEDHYHADVA YHNNIHAADV VQSTHVLLST PALEAVFTDL EILAAIFASA IHDVDHPGVS NQFLINTNSE LALMYNDSSV LENHHLAVGF KLLQEENCDI FQNLTKKQRQ SLRKMVIDIV LATDMSKHMN LLADLKT MVE TTKVTSSGVL LLDNYS DRIQ VLQNMVHCAD LS		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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