

## Recombinant Human PDE4D (388-715) Protein

Cat. No. PDE4D19751H    Lot. No. (See product label)

### SPECIFICATION

#### Product Overview

|                |                                                                                                                                                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species        | Human                                                                                                                                                                                                                                                |
| Description    | PDE4D (human) was expressed and purified from E.coli. The protein was expressed as a C-terminal HIS-fusion protein and purified by a three-step chromatographic procedure comprising affinity, ion exchange and size exclusion chromatography steps. |
| Molecular Mass | 40.01 kDa                                                                                                                                                                                                                                            |
| Purity         | > 95%                                                                                                                                                                                                                                                |
| Storage        | frozen; -80                                                                                                                                                                                                                                          |
| Storage Buffer | 20 mM TRIS, pH 8.0;150 mM NaCl;2 mM DTT                                                                                                                                                                                                              |

### GENE INFORMATION

|                 |                                                                                                                                                                       |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | PDE4D (388-715)                                                                                                                                                       |
| Official Symbol | PDE4D                                                                                                                                                                 |
| Synonyms        | Phosphodiesterase 7A; HCP1; TM22; High Affinity CAMP-Specific 3;5-Cyclic Phosphodiesterase 7A; Phosphodiesterase Isozyme 7; EC 3.1.4.17; EC 3.1.4.53; EC 3.1.4; PDE7; |

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| Gene ID | 5144 |
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| UniProt ID | Q08499 |
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