

## Recombinant Human PLA2G4D Protein, MYC/DDK-tagged

Cat. No. PLA2G4D-1876H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human PLA2G4D protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                    |
| <b>Description</b>      | The phospholipase A2 enzyme family, including PLA2G4D, catalyze the hydrolysis of glycerophospholipids at the sn-2 position and then liberate free fatty acids and lysophospholipids (Chiba et al., 2004 [PubMed 14709560]).[supplied by OMIM, Jun 2009]. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 91.8 kDa                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                               |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                          |

### GENE INFORMATION

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| <b>Gene Name</b>       | PLA2G4D phospholipase A2, group IVD (cytosolic) [ Homo sapiens ] |
| <b>Official Symbol</b> | PLA2G4D                                                          |

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|                |                        |
|----------------|------------------------|
| Synonyms       | cPLA2delta; cPLA2delta |
| Gene ID        | 283748                 |
| mRNA Refseq    | NM_178034              |
| Protein Refseq | NP_828848              |
| MIM            | 612864                 |
| UniProt ID     | Q86XP0                 |

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