

## Active Recombinant Human PLA2G1B, His-tagged

**Cat. No.** PLA2G1B-625H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PLA2G1B (Accession # NP_000919) Ala23-Ser148, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	23-148 a.a.
<b>Predicted N Terminal</b>	Ala23
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Sodium Acetate and NaCl.
<b>Bio-activity</b>	Measured by its ability to hydrolyze 1-Hexadecanoyl-2-(1-pyrene-decanoyl)-sn-glycerol-3-phosphoglycerol. The specific activity is >2,500 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human PLA2G1B, His-tagged has a calculated MW of 15 kDa. In SDS-PAGE migrates as 18 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	ITGA6 integrin, alpha 6 [ Homo sapiens ]
<b>Official Symbol</b>	ITGA6
<b>Synonyms</b>	ITGA6; integrin, alpha 6; integrin alpha-6; CD49f; integrin alpha6B; CD49 antigen-like family member F; VLA-6; ITGA6B; FLJ18737; DKFZp686J01244;
<b>Gene ID</b>	3655
<b>mRNA Refseq</b>	NM_000210
<b>Protein Refseq</b>	NP_000201
<b>MIM</b>	147556
<b>UniProt ID</b>	P23229
<b>Chromosome Location</b>	2q31.1

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