

**CATALOGUE #:** 8PL7

**PRODUCT NAME:** Recombinant human lipoprotein-associated phospholipase A2 (Lp-PLA2)

<b>Source:</b>	Expressed in a mammalian cell line
<b>Description:</b>	Soluble human lipoprotein-associated phospholipase A2 (Lp-PLA2), 420 amino acid residues Theoretical molecular weight (calculated from the sequence) 49 000 Da Contains 6xHis tag on C-terminus Theoretical pI 7.1
<b>Applications:</b>	Calibrator or standard in immunoassays
<b>Analysis:</b>	Purity > 75 % (SDS-PAGE). Apparent molecular weight 45-65 kDa (due to glycosylation).
<b>Purification:</b>	Affinity chromatography with additional chromatographic steps
<b>Presentation:</b>	Lyophilized from 25 mM Na-phosphate, 0.3 M NaCl, pH 7,5 and 100 mM D-mannitol, 0.6% CHAPS.
<b>Reconstitution:</b>	Reconstitute with deionized water to initial concentration. Do not reconstitute to higher than initial concentration.
<b>Storage:</b>	-20 °C (-15 ... -30 °C allowed)
<b>Other information:</b>	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution. To prepare diluted samples of Lp-PLA2 it is recommended to use lyophilization buffer.
<b>Material safety note:</b>	This product is sold <b>for research or further manufacturing use only</b> . Standard Laboratory Practices should be followed when handling this material.