



DataSheet

CATALOGUE #: 8PL7

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

Source: Expressed in Expi293F cell line

Description: 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 7.0

Applications: Calibrator or standard in immunoassays

Analysis: Purity > 75 % (SDS-PAGE). Apparent molecular weight 45-65 kDa (due to glycosylation).

Purification: Affinity chromatography with additional chromatographic steps

Presentation: Lyophilized from 25 mM Na-phosphate, 0.3 M NaCl, pH 7,5 and 100 mM D-mannitol, 0.6% CHAPS.

Reconstitution: Reconstitute with deionized water to initial concentration. Do not reconstitute to higher than initial concentration.

Storage: -20 °C (-15 ... -30 °C allowed)

Other information: 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.

Material safety note: This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

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