

## PLA2G10

### Recombinant Human Phospholipase A2-X (secreted) His

<b>Catalog No.</b>	CSI12537 CSI12538 CSI12539	<b>Quantity:</b>	2 µg 10 µg 1.0 mg
<b>Alternate Names:</b>	phospholipase A2, group X, Group 10 secretory phospholipase A2, EC 3.1.1.4, Group X secretory phospholipase A2, Phosphatidylcholine 2-acylhydrolase GX, GX sPLA2, sPLA2-X, SPLA2, GXPLA2		
<b>Description:</b>	Recombinant Human Secreted Phospholipase A2-X is manufactured with N-terminal fusion His Tag. It contains 123 amino acid residues of the human secreted phospholipase A2-X and 16 additional amino acid residues of the His Tag.		
<b>Gene ID:</b>	8399		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	15.5 kDa		
<b>Formulation:</b>	Lyophilized from a 0.2 µm sterile filtered solution of 0.5 mg/ml in 0.01M Tris buffer, pH 7.2.		
<b>Purity:</b>	>95.0% as determined by SDS-PAGE analyses. Purification by single-step procedure using affinity Ni-NTA chromatography		
<b>Endotoxin Level:</b>	< 0.1 ng/µg (1 EU/µg)		
<b>Amino Acid Sequence:</b>	<p>The amino acid sequence of the recombinant human Secreted Phospholipase A2-X is 100% homologous to the amino acid sequence of the human Secreted Phospholipase A2-X without signal sequence and activation peptide.</p> <p><u>MRGSHHHHHH</u> <u>GMASHM</u>GILE LAGTVGCVGP RTPIAYMKYG CFCGLGGHGQ            PRDAIDWCCH GHDCCYTRAE EAGCSPKTER YSWQCVNQSVC LCGPAENKCCQ            ELLCKCDQEI ANCLAQTEYN LKYLFPQFL CEPDSPKCD</p> <p>His-tag portion is underlined.</p>		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add 0.2 ml of distilled water and let the lyophilized pellet dissolve completely.		
<b>Storage &amp; Stability:</b>	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 2-4°C for a limited period of time; it does not show any change after two weeks at 2-4°C.		
<b>Applications:</b>	Western blot The optimal concentration should be determined by the user for each specific application.		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**