

Recombinant Rat PLA2G10 Protein, Fc tagged

Cat. No. PLA2G10-4485R **Lot. No.** (See product label)

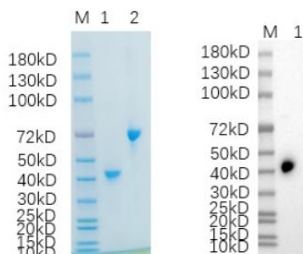
SPECIFICATION

Product Overview	Recombinant Rat PLA2G10 Protein with Fc-tag was expressed in HEK293.
Species	Rat
Source	HEK293
Description	Enables phospholipase A2 activity. Predicted to be involved in several processes, including cholesterol homeostasis; glycerophospholipid metabolic process; and positive regulation of lipid localization. Predicted to act upstream of or within several processes, including cellular response to leukemia inhibitory factor; erythrocyte maturation; and negative regulation of cytokine production involved in inflammatory response. Predicted to be located in acrosomal vesicle and extracellular space. Orthologous to human PLA2G10 (phospholipase A2 group X).
Molecular Mass	The protein has a calculated MW of 40 kDa.
AA Sequence	GLLELAGTLD CVGPRSPMAYMNYGCYCGLG GHGEP RDAIDWCCYYHDCCYSQAQ DAGCSPKLYRYPWKCMDHRILCGPAENKCQELLCRCDETLAYCLADTEYHLKYLFF PSVLCEKDSPKCNPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVT CVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGF YPSDIAVEWESNGQPENNYKTTTPVLDS DGSFFLYSKLTVDKSRWQQGNV FSCSV MHEALHNHYTQKSLSLSPGK
Purity	> 90% by SDS-PAGE

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.3 mg/mL by BCA
Storage Buffer	Sterile PBS, pH 7.4
GENE INFORMATION	
Gene Name	Pla2g10 phospholipase A2, group X [<i>Rattus norvegicus</i>]
Official Symbol	PLA2G10
Synonyms	PLA2G10; phospholipase A2, group X; group 10 secretory phospholipase A2; GX sPLA2; group X phospholipase A2; phospholipase A2, group 10; group X secretory phospholipase A2; phosphatidylcholine 2-acylhydrolase 10; phosphatidylcholine 2-acylhydrolase GX; PLA2GX; sPLA2-X;
Gene ID	29359
mRNA Refseq	NM_017176
Protein Refseq	NP_058872
Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-His Antibody) analysis profiles of purified PLA2G10	

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1. PLA2G10

2. BSA

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