



Recombinant Chinese hamster PLA2G15 Protein [His] (DAGC592)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the chinese hamster PLA2G15 (G3HKV9-1) (Val34-Pro412) was expressed with a polyhistidine tag at the C-terminus.
Species	Chinese hamster
Purity	> 95 % as determined by SDS-PAGE.
Conjugate	His
Applications	SDS-PAGE
Molecular Weight	The recombinant chinese hamster PLA2G15 consists of 390 amino acids and predicts a molecular mass of 45 kDa. It migrates as an approximately 53.5 kDa band in SDS-PAGE under reducing conditions.
Format	Lyophilized
Size	100 µg, 1 mg
Buffer	Lyophilized from sterile PBS, pH 7.4.
Preservative	None
Storage	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction	Lysosomal phospholipase A2 (PLA2G15) is a ubiquitous enzyme uniquely characterized by a
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subcellular localization to the lysosome and late endosome. PLA2G15 has an acidic pH optimum, is calcium independent, and acts as a transacylase in the presence of N-acetyl-sphingosine as an acceptor.

Keywords

PLA2G15; phospholipase A2, group XV; group XV phospholipase A2; GXVPLA2; LLPL
