

Human PLA2G5 Protein

Cat. No. PLA-HE105

Description

Source	Recombinant Human PLA2G5 Protein is expressed from E.coli with His tag at the N-Terminus. It contains Gly21-Ser138.
Accession	P39877
Molecular Weight	The protein has a predicted MW of 14.68 kDa. The protein migrates to 15-18 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

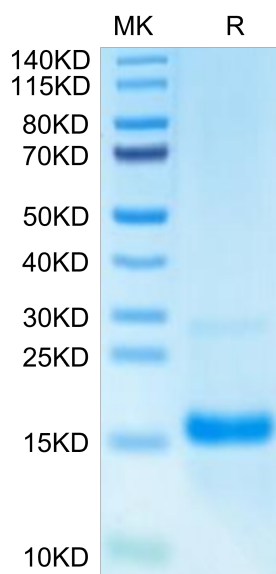
Formulation	Supplied as 0.22µm filtered solution in PBS, 0.3%SKL (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Group V Phospholipase A2 (Pla2g5) is a member of the PLA2 family of lipid-generating enzymes. It is a lipid-generating enzyme necessary for macrophage effector functions in pulmonary inflammation. It is expressed in immune and non-immune cell types and is inducible during several pathologic conditions serving context-specific functions.

Assay Data

Bis-Tris PAGE



Human PLA2G5 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.