

Recombinant Human PLA2G16 Protein (His Tag)

Catalog Number: PKSH032509

Note: Centrifuge before opening to ensure complete recovery of vial contents.

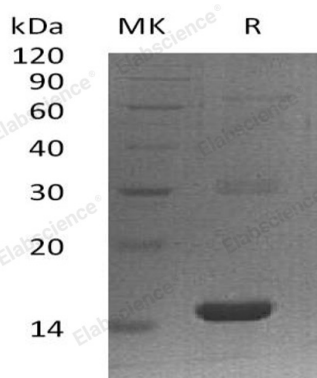
Description

Species	Human
Source	E.coli-derived Human PLA2G16 protein Asp12-Asp132, with an N-terminal His
Calculated MW	14-17 kDa
Observed MW	15 kDa
Accession	P53816
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/ gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 50mM NaCl, 1mM EDTA, pH8.0.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Group XVI Phospholipase A1/A2 (PLA2G16) belongs to the H-rev 107 family. PLA2G16 is expressed in a number of human tumors including ovarian carcinomas, lung carcinomas. PLA2G16 is involved in the regulation of differentiation and survival. PLA2G16 regulates adipocyte lipolysis and release of fatty acids through a G-protein coupled pathway involving prostaglandin and EP3. It has also been reported to play a crucial role in the development of obesity in mouse models.

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