Recombinant Human PLA2G3 Protein, His-tagged

Cat. No. PLA2G3-118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLA2G3 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a protein that belongs to the secreted phospholipase A2 family, whose members include the bee venom enzyme. The encoded enzyme functions in lipid metabolism and catalyzes the calcium-dependent hydrolysis of the sn-2 acyl bond of phospholipids to release arachidonic acid and lysophospholipids. This enzyme acts as a negative regulator of ciliogenesis, and may play a role in cancer development by stimulating tumor cell growth and angiogenesis. This gene is associated with oxidative stress, and polymorphisms in this gene are linked to risk for Alzheimer's disease.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	57 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	PLA2G3 phospholipase A2, group III [Homo sapiens]
Official Symbol	PLA2G3
Synonyms	PLA2G3; phospholipase A2, group III; group 3 secretory phospholipase A2; GIII SPLA2; sPLA2-III; GIII sPLA2; group III secreted phospholipase A2; group III secretory phospholipase A2; phosphatidylcholine 2-acylhydrolase 3; phosphatidylcholine 2-acylhydrolase GIII; SPLA2III; GIII-SPLA2;
Gene ID	50487
mRNA Refseq	NM_015715
Protein Refseq	NP_056530
MIM	611651
UniProt ID	Q9NZ20

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