Recombinant Human PLA2G4B cell lysate

Cat. No. PLA2G4B-1367HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene transcribes naturally-occurring mRNAs that are co-transcribed products of the neighboring JMJD7 and PLA2G4B genes. Incompletely processed read-through transcripts from these two loci are abundantly expressed in most tissues, but the function of the predicted protein product has not yet been determined. Alternative splicing of this gene results in different transcript variants, some of which are candidates for nonsense-mediated decay (NMD).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PLA2G4B phospholipase A2, group IVB (cytosolic) [Homo sapiens]
Official Symbol	PLA2G4B
Synonyms	PLA2G4B; phospholipase A2, group IVB (cytosolic); cytosolic phospholipase A2 beta; cPLA2 beta; HsT16992; phospholipase A2 group IVB; cPLA2-beta; FLJ17693;

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	FLJ42498; FLJ53173; DKFZp686N12131;
Gene ID	100137049
mRNA Refseq	NM_001114633
Protein Refseq	NP_001108105
MIM	606088
UniProt ID	P0C869
Chromosome Location	15q11.2-q21.3
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Ether lipid metabolism, organism-specific biosystem;
Function	calcium ion binding; calcium-dependent phospholipase A2 activity; calcium-dependent phospholipid binding; hydrolase activity; lysophospholipase activity;

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