Datasheet for ABIN7585553

PLA2G4A Protein (AA 1-752) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	PLA2G4A
Protein Characteristics:	AA 1-752
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G4A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSFIDPYQHI IVEHQYSHKF TVVVLRATKV TKGTFGDMLD TPDPYVELFI STTPDSRKRT RHFNNDINPV WNETFEFILD PNQENVLEIT LMDANYVMDE TLGTATFPVS SMKVGEKKEV PFIFNQVTEM ILEMSLEVCS CPDLRFSMAL CDQEKTFRRQ RKENIKENMK KLLGPKKSEG LYSTRDVPVV AILGSGGGFR AMVGFSGVMK ALYESGILDC ATYVAGLSGS TWYMSTLYSH PDFPEKGPEE INEELMKNVS HNPLLLLTPQ KVKRYVESLW KKKSSGQPVT FTDIFGMLIG ETLIQNRMST TLSSLKEKVS AARCPLPLFT CLHVKPDVSE LMFADWVEFS PYEIGMAKYG TFMTPDLFGS KFFMGTVVKK YEENPLHFLM GVWGSAFSIL FNRVLGVSGS QNKGSTMEEE LENITAKHIV SNDSSDSDDE AQGPKGTENE DAEREYQNDN QASWVHRMLM ALVSDSALFN TREGRAGKEH NFMLGLNLNT SYPLSPLRDF SPQDSFDDDE LDAAVADPDE FERIYEPLDV KSKKIHVVDS GLTFNLPYPL ILRPQRGVDL IISFDFSARP SDTSPPFKEL LLAEKWAKMN KLPFPKIDPY VFDREGLKEC YVFKPKNPDV EKDCPTIIHF VLANINFRKY KAPGVLRETK EEKEIADFDI FDDPESPFST FNFQYPNQAF KRLHDLMYFN TLNNIDVIKD AIVESIEYRR

Product Details

	QNPSRCSVSL SNVEARKFFN KEFLSKPTAE SI
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PLA2G4A
Alternative Name:	Cytosolic phospholipase A2 (Pla2g4a) (PLA2G4A Products)
Background:	Recommended name: Cytosolic phospholipase A2. Short name= cPLA2. Alternative name(s): Phospholipase A2 group IVA Including the following 2 domains: Phospholipase A2. EC= 3.1.1.4. Alternative name(s): Phosphatidylcholine 2-acylhydrolase Lysophospholipase. EC= 3.1.1.5
UniProt:	P50393
Pathways:	Inositol Metabolic Process, G-protein mediated Events, VEGF Signaling

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.