

Recombinant Human PLCB3, GST-tagged

Cat. No. PLCB3-1763H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLCB3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-350aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PLCB3 phospholipase C, beta 3 (phosphatidylinositol-specific) [Homo sapiens]
Official Symbol	PLCB3
Synonyms	PLCB3; phospholipase C, beta 3 (phosphatidylinositol-specific); 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3; PLC beta 3; PLC-beta-3; phosphoinositide phospholipase C-beta-3; FLJ37084;

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Gene ID	5331
mRNA Refseq	NM_000932
Protein Refseq	NP_000923
MIM	600230
UniProt ID	Q01970
Chromosome Location	11q13
Pathway	Activation of Kainate Receptors upon glutamate binding, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;
Function	calcium ion binding; calmodulin binding; hydrolase activity; phosphatidylinositol phospholipase C activity; phospholipase C activity; signal transducer activity;