

Product datasheet for **TP306783**

PLD3 (NM_001031696) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phospholipase D family, member 3 (PLD3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206783 protein sequence Red =Cloning site Green =Tags(s)
	<p>MKPKLMYQELKVPAAEPPANELPMNEIEAWKAAEKKARWVLLVLILAVVGFALMTQLFLWEYGDHLHFGP NQRPAPCYDPCEAVLVESIPEGLDFPNASTGNPSTSQAWLGLLAGAHSSLDIASFYWTLTNNDTHTQEPS AQQGEEVLRQLQTLAPKGVNVRIAVSKPSGQPQADLQALLQSGAQVRMVD MQKLTHGVLHTKFWVDQT HFYLG SANMDWRS LTQVKELGVVMYNC SCLARDLT KIFEAYWFLGQAGSSIPSTWPRFYDTRYNQETPME ICLN GTPALAYLASAPPPLCPSGRTPDLKALLNVDNARSFIYVAVMNYLPTLEFSHPHRFWPAIDDGLR RATYERGVKVRLLISCWGHSEPSMRAFLLSLAALRDNHTHSDIQVKLFVVPAD E AQARIPYARVNH NKYM VTERATYIGTSNWSGNYFTETAGT SLLVTQNGRGLRSQLEAIFLRDWDSPYSHDLDT SADS VGNACRLL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	54.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001026866](#)

Locus ID: 23646

UniProt ID: [Q8IV08](#), [A0A024R0Q4](#)

RefSeq Size: 2207

Cytogenetics: 19q13.2

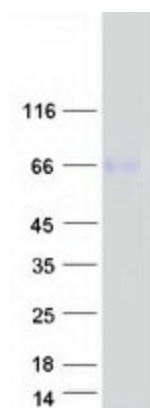
RefSeq ORF: 1470

Synonyms: AD19; HU-K4; HUK4; SCA46

Summary: This gene encodes a member of the phospholipase D (PLD) family of enzymes that catalyze the hydrolysis of membrane phospholipids. The encoded protein is a single-pass type II membrane protein and contains two PLD phosphodiesterase domains. This protein influences processing of amyloid-beta precursor protein. Mutations in this gene are associated with Alzheimer disease risk. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Apr 2014]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified PLD3 protein (Cat# TP306783). The protein was produced from HEK293T cells transfected with PLD3 cDNA clone (Cat# [RC206783]) using MegaTran 2.0 (Cat# [TT210002]).