Recombinant Human PLD3, His-tagged

Cat. No. PLD3-30088TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 252-490 of Human PLD3 with an N-terminal His Tag, MWt approximately 31kDa.
Species	Human
Source	E.coli
ProteinLength	252-490 a.a.
Description	PLD3 belongs to the phospholipase D family. It contains two PLD phosphodiesterase domains. PLD3 is widely expressed; expressed at higher level in brain; low level in corpus callosum, suggsting that it is highly expressed in neurons. PLD3 has a post-translational modification, it is glycosylated.
Conjugation	HIS
Form	Lyophilised:Reconstitution with 56 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	WFLGQAGSSIPSTWPRFYDTRYNQETPMEICLNGTPALAY LASAPPPLCPSGRTPD LKALLNVVDNARSFIYVAVMNY LPTLEFSHPHRFWPAIDDGLRRATYERGVKVRLLI

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	SCW GHSEPSMRAFLLSLAALRDNHTHSDIQVKLFVVPADEAQA RIPYARVNHNKY MVTERATYIGTSNWSGNYFTETAGTS LLVTQNGRGGLRSQLEAIFLRDWDSPYSHD LDTSADSV GNACRLL

GENE INFORMATION

Gene Name	PLD3 phospholipase D family, member 3 [Homo sapiens]
Official Symbol	PLD3
Synonyms	PLD3; phospholipase D family, member 3; phospholipase D3; HU K4;
Gene ID	23646
mRNA Refseq	NM_001031696
Protein Refseq	NP_001026866
Uniprot ID	Q8IV08
Chromosome Location	19q13.2
Function	NAPE-specific phospholipase D activity; hydrolase activity; phospholipase D activity; protein binding;

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