

Recombinant Full Length Mouse Calcium-Independent Phospholipase A2-Gamma(Pnpla8) Protein, His-Tagged

Cat. No. RFL2474MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Calcium-independent phospholipase A2-gamma(Pnpla8) Protein (Q8K1N1) (1-776aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-776)
Form	Lyophilized powder
AA Sequence	MSINLTLDIYIYFLNNARSLCGKQRSKQLHFVCSKQYWRMNHVNVHREFHTSKKSCK WNR SEAHCSKHWHSPSNHGLHFGIVRLSTSAPKGLTKVSIHMSRIKSTLNSVSKAIF GSQNEM VTRLAQFKPSSRILRKVSDKGWLKQKNVKQAVESLKNYSDKSAGKNSLA EQKSYFADKEE DSGKHSLFHYTYGITTRFGESFSVLANHINSYFKSKGKMSQTKED KQLQDKPDLEERKSS SPGPDTVADRPDESLEVKDKLSSPTQMPEAHPVSAKQSI ANFLSRPTEGVQALVGGYI GGLVPKLKSDPKSPPEEQEVSakteQAVNKDKKAEEK KRVLLQQEKIARVSDNRTRAL VQALRRtADPKLCITRVEELTFHLLFPEGKGVAIK EKIIPYLLRLRQVKDETLQAAVRE ILALIGYVDPVKGRGIRILTIDGGGTRGVVALQTLR KLVELTQKPIHQLFDYICGVSTGA ILAFMLGLFHMPDDECEELYRKLGSdvFTQNVIV GTVKMSWSHAFYDSNTWEKILKDRIG SALMIETARNPACPKVAAISTIVNRGQTPKA FVFRNYGHFPGTNSHYLGGCQYKMWQAIR ASSAAPGYFAEYALGSDLHQDGGLLL

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NNPSALALHECKCIWPDTPLECIIVSLGTGRYESD VRNTSTYTSCLKLSNVISSATDT
EEVHIMLDGLLPSDTYFRFNPVICENIPLDESDEK LDQLQLEGMKYIERNDQKMKK
VAKILSQEKTTLQKINDWIKLKSDMYEGLPFFSKL

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Pnpla8

Synonyms Pnpla8; Ipla22; Ipla2g; Calcium-independent phospholipase A2-gamma; Intracellular membrane-associated calcium-independent phospholipase A2 gamma; iPLA2-gamma; Patatin-like phospholipase domain-containing protein 8

UniProt ID [Q8K1N1](#)

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