

Recombinant Human PLPL3 Protein Product Manual

1. Product Basic Information

Product No.: REP07819

Protein Name: Patatin-Like Phospholipase Domain Containing 3 (PLPL3)

Aliases: patatin-like phospholipase domain containing 3

UniProt ID: Q9NST1

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9NST1/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-481aa(I148M))

Molecular Weight: 55.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-481aa(I148M))

MYDAERGWSLSFAGCGFLGFYHVGATRCLSEHAPHLLRDARMLFGASAGALHCV
GVLSGIPLEQTLQVLSDLVRKARSRNIGIFHPSFNLSKFLRQGLCKCLPANVHQLISG
KIGISLTRVSDGENVLVSDFRSKDEVVDALVCSCFMPFYSGLIPPSFRGVRYVDGGV
SDNVPFIDAKTTITVSPFYGEYDICKPKVKSTNFLHVDITKLSLRLCTGNLYLLSRAFVP
PDLKVLGEICLRGYLDAFRFLEEKGICNRPQPGLKSSSEGMDPEVAMPSWANMSLD
SSPESAALAVRLEGDELDDHLRLSILPWDESILDTLSPRLATALSEEMKDKGGYMSKI
CNLLPIRIMSYVMLPCTLPVESAIIVQRLVTWLPDMPDDVLWLQWVTSQVFTRVLM
CLLPASRSQMPVSSQQASPCTPEQDWPCWTPCSPKGCPAETKAEATPR SILRSSL
NFFLGNKVPAGAEGLSTFPSFSLEKSL

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human PLPL3 full length protein (1-481aa(I148M)) expressed in Mammalian cell. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. PLPL3, also known as patatin-like phospholipase domain containing 3, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.