

Datasheet for ABIN7554438
LIPA3 Protein (AA 1-1194) (His tag)



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Overview

Quantity:	1 mg
Target:	LIPA3 (PPFIA3)
Protein Characteristics:	AA 1-1194
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIPA3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPFIA3 Protein expressed in mammalian cells.
Sequence:	MMCEVMPTIS EDGRRGSALG PDEAGGELER LMVTMLTERE RLLETLREAQ DGLATAQLRL RELGHEKDSL QRQLSIALPQ EFAALTKELN LCREQLLERE EEIAELKAER NNTRLLLEHL ECLVSRHERS LRMTVVKRQA QSPGGVSSEV EVLKALKSLF EHHKALDEKV RERLRMALER VAVLEEELEL SNQETLNLRE QLSRRRSGLE EPGKDG DGQT LANGLGPGGD SNRRTAELEE ALERQRAEVC QLRLAVLC RQMSQLEEEL GTAHRELGKA EEANSKLQRD LKEALAQRED MEERITTLEK RYLSAQREAT SLHDANDKLE NELASKESLY RQSEESRQL AEWLDDAKQK LQQTQKAET LPEIEAQLAQ RVAALNKAEE RHGNFEERLR QLEAQLEEKV QELQRARQRE KMNDHKNRL SETVDKLLSE SNERLQLHLK ERMGALEEKN SLSEEIANMK KLQDELLLNK EQLLAEMERM QMEIDQLRGR PPSSYSRSLP GSALELRYSQ APTLP SGAHL DPYVAGSGRA GKRGRWSGVK EEPSKDWERS APAGSIPPPF PGELDGSDEE EAEGMFGAEL LSPSGQADVQ TLAIMLQEQLE EAINKEIKLI QEEKETTEQR AEELESRVSS SGLDSLGRYR SSCSLPPSLT TSTLASPSPP SSGHSTPRLA PPSPAREGTD KANHVPKEEA GAPRGEGPAI PGDTPPTPR

Product Details

SARLERMTQA LALQAGSLED GGPPRGSEGT PDSLHKAPKK KSIKSSIGRL FGKKEKGRMG
PPGRDSSSLA GTPSDETLAT DPLGLAKLTG PGDKDRRNKR KHELLEEACR QGLPFAAWDG
PTVSWLELW VGMPAWYVAA CRANVKSGAI MANLSDTEIQ REIGISNPLH RLKRLRAIQE
MVSLTSPSAP ASSRTSTGNV WMTHEEMESL TATTKPETKE ISWEQILAYG DMNHEWVGND
WLPSLGLPQY RSYFMESLVD ARMLDHLNKK ELRGQLKMVD SFHRVSLHYG IMCLKRLNYD
RKDLERRREE SQTQIRDVMV WSNERVGMGWV SGLGLKEFAT NLTESGVHGA LLALDETFDY
SDLALLLQIP TQNAQARQLL EKEFSNLISL GTDRRLDEDS AKSFSRSPSW RKMFKREKDLR
GVTPDSAEML PPNFRSAAAG ALGSPGLPLR KLQPEGQTSG SSRADGVSVR TYSC **Sequence
without tag. The proposed Purification-Tag is based on experiences with the expression
system, a different complexity of the protein could make another tag necessary. In case you
have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: LIPA3 (PPFIA3)

Alternative Name: PPFIA3 ([PPFIA3 Products](#))

Target Details

Background: Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3),FUNCTION: May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates. {ECO:0000269|PubMed:9624153}.

Molecular Weight: 133.5 kDa

UniProt: [O75145](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months