

Recombinant Human LIPA protein(22-399aa), His-tagged

Cat. No. LIPA-532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIPA protein(P38571)(22-399aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	22-399aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

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AA Sequence

SGGKLTAVDPETNMNVSEIISYWGFPSSEEYLVETEDGYILCLNRIPHGRKNHSDKGP
 KPVVFLQHGLLADSSNWVTNLANSSLGFILADAGFDVWMGNSRGNTWSRKHKTLS
 VSQDEFWAFSYDEMAKYDLPASINFILNKTGQEQQVYYVGHSSQGTIGFIAFSQIPELA
 KRIKMFFALGPVASVAFCTSPMAKLGRLPDHLIKDLFGDKEFLPQSAFLKWLGTHVC
 THVILKELCGNLCFLLCGFNERNLNMSRVDVYTTTHSPAGTSVQNMLHWSQAVKFQK
 FQAFDWGSSAKNYFHYNQSYPTYNVKDMLVPTAVWSSGGHDWLADVVDVNILLTQ
 ITNLVFHESIPEWEHLDFIWGLDAPWRLYNKIINLMRKYQ

GENE INFORMATION
Gene Name

LIPA lipase A, lysosomal acid, cholesterol esterase [Homo sapiens]

Official Symbol

LIPA

Synonyms

LIPA; lipase A, lysosomal acid, cholesterol esterase; lysosomal acid lipase/cholesteryl ester hydrolase; CESD; LAL; Wolman disease; sterol esterase; cholesteryl esterase; lysosomal acid lipase; cholesterol ester hydrolase; acid cholesteryl ester hydrolase;

Gene ID

3988

mRNA Refseq

NM_000235

Protein Refseq

NP_000226

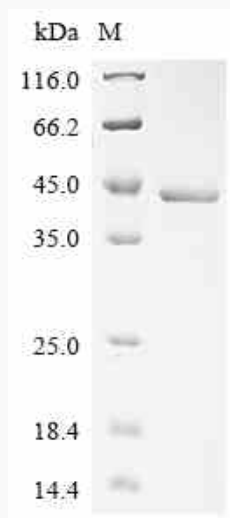
MIM

613497

UniProt ID

P38571

SDS-PAGE



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