

Lysosomal acid lipase/cholesteryl ester hydrolase (Lipa) Recombinant Protein | Lipa recombinant protein

Recombinant Rat Lysosomal acid lipase/cholesteryl ester hydrolase (Lipa)

CATALOG # AAA117290	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Lysosomal acid lipase/cholesteryl ester hydrolase (Lipa); Recombinant Rat Lysosomal acid lipase/cholesteryl ester hydrolase (Lipa); Lipa recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-397, full length protein
Sequence	PTGTISAVDP EANMNVTEII MHWGYPEHSV QTGDGYILGV HRIPHGRKNQ FDKGPKPVVY LQWRHGFLAD SSNWVTNIDN NSLGFILADA GFDVWMGNSR GNTWSRKHKT LSVSQDEYWA FSFDEMAKYD LPASINYILN KTGQEQLYNV GHSQGCTIGF IAFSQMPELA KKVKMFFALA PVLSLNFASG PMVKLGRLPD LLEDLFGQK QFLPQSAMVK WLSTHICTHV IMKELCANIF FLICGFNEKN LNMSRVDVYT THCPAGTSVQ NMVHWTQVVK YHKLQAFDWG SSDKNYFHYN QSYPPLYSIK DMQLPTALWS GGDWLADTS DINILLTEIP TLVYHKNIPE WDHLDFIWGL DAPWRLYNEV VSLMKKYQ
Sequence Length	378
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Lipa recombinant protein	This gene encodes lipase A, the lysosomal acid lipase (also known as cholesterol ester hydrolase). This enzyme functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides. Mutations in this gene can result in Wolman disease and cholesteryl ester storage disease. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20138456
NCBI GeneID	25055
UniProt Accession #	Q64194
Molecular Weight	45,186 Da
NCBI Official Full Name	Lysosomal acid lipase/cholesteryl ester hydrolase
NCBI Official Synonym Full Names	lipase A, lysosomal acid type
NCBI Official Symbol	Lipa
NCBI Official Synonym Symbols	LAL; Lip1; Chole; Chole2

NCBI Protein Information	lysosomal acid lipase/cholesteryl ester hydrolase
UniProt Protein Name	Lysosomal acid lipase/cholesteryl ester hydrolase
UniProt Gene Name	Lipa
UniProt Synonym Gene Names	Lal; Lip1; Acid cholesteryl ester hydrolase; LAL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lipa-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117290>