

Recombinant Human LIAS protein, His-tagged

Cat. No. LIAS-3174H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIAS protein(O43766)(28-372aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	28-372aa
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	42.9 kDa
AA Sequence	LSSLPDKKKELLQNGPDLQDFVSGDLADRSTWDEYKGNLKRQKGERLRLPPWLKT EIPMGKNYNKLNKNTLRNLNLHTVCEEARCPNIGECWGGGEYATATATIMLMGDTCT RGCRFCFSVKTARNPPPLDASEPYNTAKAIAEWGLDYVVLTSVDRDDMPDGGAEHIA KTVSYLKERNPKILVECLTPDFRGLKAIEKVALSGLDVYAHNVETVPELQSKVRDPR ANFDQSLRVLKHAKKVQPDVISKTSIMLGLGENDEQVYATMKALREADVDCLTLGQY MQPTRRHLKVEEYITPEKFKYWEKVGNELGFHYTASGPLVRSSYKAGEFFLKNLVA KRKTKDL
Purity	Greater than 90% as determined by SDS-PAGE.

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

Reconstitution 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%.

GENE INFORMATION

Gene Name [LIAS lipoic acid synthetase \[Homo sapiens \]](#)

Official Symbol [LIAS](#)

Synonyms LIAS; lipoic acid synthetase; lipoyl synthase, mitochondrial; LAS; lip-syn; lipoate synthase; LS; LIP1; PDHLD; HUSSY-01; MGC23245;

Gene ID [11019](#)

mRNA Refseq [NM_006859](#)

Protein Refseq [NP_006850](#)

MIM [607031](#)

UniProt ID [O43766](#)

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