Recombinant Human LIAS protein, His-tagged

Cat. No. LIAS-963H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIAS protein(O43766)(28-372aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	28-372a.a.
Tag	His
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	45.8 kDa
Purity	Greater than 85% 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

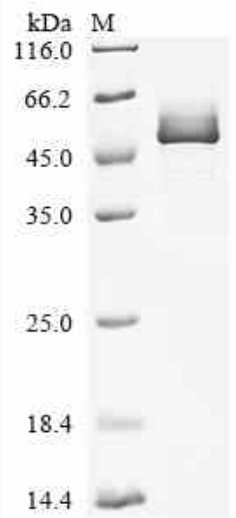
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	concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	LSSLPDKKKELLQNGPDLQDFVSGDLADRSTWDEYKGNLKRQKGERLRLPPWLKT EIPMGKNYNKLKNTLRNLNLHTVCEEARCPNIGECWGGGEYATATATIMLMGDTCT RGCRFCSVKTARNPPPLDASEPYNTAKAIAEWGLDYVVLTSVDRDDMPDGGAEHIA KTVSYLKERNPKILVECLTPDFRGDLKAIEKVALSGLDVYAHNVETVPELQSKVRDPR ANFDQSLRVLKHAKKVQPDVISKTSIMLGLGENDEQVYATMKALREADVDCLTLGQY MQPTRRHLKVEEYITPEKFKYWEKVGNELGFHYTASGPLVRSSYKAGEFFLKNLVA KRKTKDL

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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SDS-PAGE	

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