Recombinant Human LIAS protein, GST-tagged

Cat. No. LIAS-340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIAS protein(NP_006850)(1-372 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-372 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MSLRCGDAARTLGPRVFGRYFCSPVRPLSSLPDKKKELLQNGPDLQDFVSGDLADR STWDEYKGNLKRQKGERLRLPPWLKTEIPMGKNYNKLKNTLRNLNLHTVCEEARCP NIGECWGGGEYATATATIMLMGDTCTRGCRFCSVKTARNPPPLDASEPYNTAKAIA EWGLDYVVLTSVDRDDMPDGGAEHIAKTVSYLKERNPKILVECLTPDFRGDLKAIEK VALSGLDVYAHNVETVPELQSKVRDPRVNFDQSLRVLKHAKKVQPDVISKTSIMLGL GENDEQVYATMKALREADVDCLTLGQYMQPTRRHLKVEEYITPEKFKYWEKVGNEL GFHYTASGPLVRSSYKAGEFFLKNLVAKRKTKDL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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