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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LIPT1 (Human) Recombinant Protein (P01)

Catalog Number: H00051601-P01

Regulation Status: For research use only (RUO)

Product Description: Human LIPT1 full-length ORF (NP_057013.1, 1 a.a. - 373 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLIPFSMKNCFQLLCNCQVPAAGFKKTVKNGLILQSSIS
NDVYQNLAVEDWIHDHMNLEGKPIFFWQNSPSVIG
RHQNPWQECNLNLMREEGIKLARRRSGGGTVYHDM
GNINLTFFTTKKYDRMENLKLIVRALNAVQPQLDVQA
TKRFDLLLDGQFKISGTASKIGRTTAYHHCTLLCSTDG
TFLSLLKSPYQGIRSNATASIPSLVKNLLEKDPTLTCE
VLMNAVATEYAAAHQIDNHIHLINPTDETLFPGINSKAK
ELQTWEWIYGKTPKFSINTSFHVLYEQSHLEIKVFIDIK
NGRIEICNIEAPDHWLPLEIRDKLNSSLIGSKFCPTETT
MLTNILLRTPQDHLNLSKWNILCEKIKGIM

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 68.9

Interspecies Antigen Sequence: Mouse (81); Rat (81)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 51601

Gene Symbol: LIPT1

Gene Alias: MGC12290, MGC13378

Gene Summary: The process of transferring lipoic acid to proteins is a two-step process. The first step is the activation of lipoic acid by lipoate-activating enzyme to form lipoyl-AMP. For the second step, the protein encoded by this gene transfers the lipoyl moiety to apoproteins. Alternative splicing in the 5' UTR of this gene results in five transcript variants that encode the same protein. [provided by RefSeq]