Recombinant Human DLC1, His-tagged

Cat. No. DLC1-12016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLC1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1179-1528a.a.
Description	This gene encodes a GTPase-activating protein (GAP) that is a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins. GAP family proteins participate in signaling pathways that regulate cell processes involved in cytoskeletal changes. This gene functions as a tumor suppressor gene in a number of common cancers, including prostate, lung, colorectal, and breast cancers. Multiple transcript variants due to alternative promoters and alternative splicing have been found for this gene.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	DLC1 deleted in liver cancer 1 [Homo sapiens]
Official Symbol	DLC1
Synonyms	DLC1; deleted in liver cancer 1; rho GTPase-activating protein 7; ARHGAP7; DLC 1; HP; p122 RhoGAP; StAR related lipid transfer (START) domain containing 12; STARD12; Rho-GTPase-activating protein 7; deleted in liver cancer 1 protein; START domain-containing protein 12; deleted in liver cancer 1 variant 2; rho-type GTPase-activating protein 7; StAR-related lipid transfer (START) domain containing 12; p122-RhoGAP; FLJ21120;
Gene ID	10395
mRNA Refseq	NM_001164271
Protein Refseq	NP_001157743
MIM	604258
UniProt ID	Q96QB1
Chromosome Location	8p22
Pathway	Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	GTPase activator activity; NOT Rac GTPase activator activity; Rho GTPase activator activity; Rho GTPase activator activity; SH2 domain binding; phospholipase binding; protein binding; vinculin binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA