

Recombinant Human LDOC1 protein, His & T7-tagged

Cat. No. LDOC1-7888H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LDOC1 aa. (Met1~Tyr146 (Accession # O95751)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Tyr146
Description	The protein encoded by this gene contains a leucine zipper-like motif and a proline-rich region that shares marked similarity with an SH3-binding domain. The protein localizes to the nucleus and is down-regulated in some cancer cell lines. It is thought to regulate the transcriptional response mediated by the nuclear factor kappa B (NF-kappaB). The gene has been proposed as a tumor suppressor gene whose protein product may have an important role in the development and/or progression of some cancers.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.7kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 4.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	LDOC1 LDOC1, regulator of NFkB signaling [Homo sapiens (human)]
Official Symbol	LDOC1
Synonyms	LDOC1; LDOC1, regulator of NFkB signaling; Mar7; RTL7; BCUR1; Mart7; SIRH7; protein LDOC1; Sushi-Ichi retrotransposon homolog 7; breast cancer, up-regulated 1; leucine zipper down-regulated in cancer 1; leucine zipper downregulated in cancer; leucine zipper protein down-regulated in cancer cells; mammalian retrotransposon-derived 7; retrotransposon Gag like 7
Gene ID	23641

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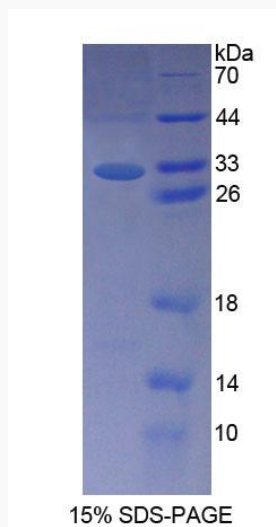
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mRNA Refseq NM_012317.3

Protein Refseq NP_036449.1

UniProt ID O95751

SDS-PAGE



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