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**Product Data Sheet**


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Product Name: LDOC1L Human  
 Cat. No.: GP23809  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein LDOC1L; Leucine zipper protein down-regulated in cancer cells-like; Mammalian retrotransposon-derived protein 6; LDOC1L; MAR6; MART6; dj1033E15.2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMVQPQT SKAESPALAA SPNAQMDDVI DTLTSLRLTN SALRREASTL RAEKANLTNM LESVMAELTL LRTRARIPGA LQITPPISSI TSNGTRPMTT PPTSLPEPFS GDPGRLAGFL MQMDRFMIFQ ASRFPGEAER VAFLVSRLTG EAEKWAIPHM QPDSPLRNNY QGFLAELRRT YKSPLRHARR AQIRKTSASN RAVRERQMLC RQLASAGTGP CPVHPASNGT SPAPALPARA RNL.		
Formulation	LDOC1L protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 40% glycerol, 2mM DTT, 0.1mM PMSF and 1mM EDTA.		

**Introduction**

Leucine zipper down-regulated in cancer 1-like (LDOC1L) is a member of the LDOC1 family. LDOC1L is a nuclear protein containing a leucine zipper-like motif and a proline-rich region that shares noticeable similarity with an SH3-binding domain. LDOC1L localizes to the nucleus and is downregulated in certain cancer cell lines. LDOC1L is believed to regulate the transcriptional response mediated by the nuclear factor kB (NFkB).

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

**Caution: Product has not been fully validated for medical applications. For research use only.**

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LDOC1L Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 263 amino acids (1-239 a.a) and having a molecular mass of 28.7kDa. LDOC1L is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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