

## Recombinant Human LDHC protein, His-SUMO-tagged

Cat. No. LDHC-3159H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LDHC protein(P07864)(2-332aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-332aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	52.2 kDa
<b>AA Sequence</b>	STVKEQLIEKLIEDDENSQCKITIVGTGAVGMACAISILLKDLADELALVDVALDKLKGE MMDLQHGS�FFSTSKITSGKDYSVSANSRIVIVTAGARQQEGETRLALVQRNVAIMK SIIPAIVHYSPPDCKILVVSNPVDILTYIVWKISGLPVTRVIGSGCNLDSARFRYLIGEKLG VHPTSCHGWIIGEHDSSVPLWSGVNVAGVALKTLDPKLGTDSDKEHWKNIHKQVI QSAYEIIKLGKGYTSWAIGLSVMDLVGSILKNLRRVHPVSTMVKGLYGIKEELFLSIPCV LGRNGVSDVVKINLNSEEEALFKKSAETLWNIQKDLIF
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** LDHC lactate dehydrogenase C [ Homo sapiens ]

**Official Symbol** LDHC

**Synonyms** LDHC; lactate dehydrogenase C; L-lactate dehydrogenase C chain; cancer/testis antigen 32; CT32; LDH-C; LDH-X; LDH testis subunit; lactate dehydrogenase C4; lactate dehydrogenase c variant 1; lactate dehydrogenase c variant 3; lactate dehydrogenase c variant 4; LDH3; LDHX; MGC111073;

**Gene ID** 3948

**mRNA Refseq** NM\_002301

**Protein Refseq** NP\_002292

**MIM** 150150

**UniProt ID** P07864

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