

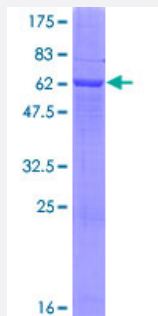
Full-Length

LDHC (Human) Recombinant Protein (P01)

Catalog # H00003948-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human LDHC full-length ORF (NP_002292.1, 1 a.a. - 332 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSTVKEQLIEKLIEDDENSQCKITVGTGAVGMACAISILLKDLADELALVDVALDKLK GEMMDLQH
GSLFFSTSKITSGKDYSVSANSRIVMTAGARQQEGETRLALVQRNVAIMKSIIPAMHYSPDCKILVV
SNPVDILT YVWKISGLPVTRVIGSGCNLDSARFRYLIGEKLVHPTSCHGWIIGEHGDSSVPLWSG
VNVAGVALKTLDPKLGTDS DKEHWKNIHKQVIQSAYEIIKLKGYT SWAIGLSVMDLVGSILKNLRRV
HPVSTMVKGLYGIKEELFLSIPCVLGRNGVSDVVKINLNSEEEALFKKSAETLWNIQKDLIF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LDHC

Entrez GeneID	3948
GeneBank Accession#	NM_002301.2
Protein Accession#	NP_002292.1
Gene Name	LDHC
Gene Alias	CT32, LDH3, LDHX, MGC111073
Gene Description	lactate dehydrogenase C
Omim ID	150150
Gene Ontology	Hyperlink
Gene Summary	Lactate dehydrogenase C catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. LDHC is testis-specific and belongs to the lactate dehydrogenase family. Two transcript variants have been detected which differ in the 5' untranslated region. [provided by RefSeq]
Other Designations	L-lactate dehydrogenase C cancer/testis antigen 32

Pathway

- [Cysteine and methionine metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)

- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)