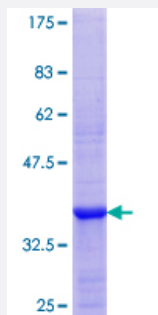


LDHC (Human) Recombinant Protein (Q01)

Catalog # H00003948-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LDHC partial ORF (NP_002292.1, 71 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FFSTSKITSGKDYSVSANSRIVMTAGARQQEGETRLALVQRNVAIMKSIIIPAMHYSPDCKILVVSNPVDILTYVWKISGLPVTRVIG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
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](#)

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](#)