abcam

Product datasheet

Human Lactate Dehydrogenase peptide ab47009

1 Image

Description

Product name Human Lactate Dehydrogenase peptide

Purity > 90 % HPLC.

Accession P00338

Animal free No

Nature Synthetic

Species Human

Specifications

Our $\underline{Abpromise\ guarantee}$ covers the use of ab47009 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Form Lyophilized

Additional notes - First try to dissolve a small amount of peptide in either water or buffer. The more charged

residues on a peptide, the more soluble it is in aqueous solutions.

- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or

buffer.

- Consider that any solvent used must be compatible with your assay. If a peptide does not

dissolve and you need to recover it, lyophilise to remove the solvent.

- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is

cloudy or has gelled the peptide may be in suspension rather than solubilised.

- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior

to use.

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

Information available upon request.

General Info

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Pathway Fermentation; pyruvate fermentation to lactate; (S)-lactate from pyruvate: step 1/1.

Involvement in disease Defects in LDHA are the cause of glycogen storage disease type 11 (GSD11) [MIM:612933]. A

metabolic disorder that results in exertional myoglobinuria, pain, cramps and easy fatigue.

Sequence similaritiesBelongs to the LDH/MDH superfamily. LDH family.

Post-translational

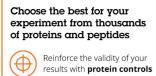
modifications

ISGylated.

Cellular localization

Cytoplasm.

Images





Validate specific, reliable reagents with **blocking peptides**



Keep working on targets without specific antibodies with **fusion-tagged proteins**



Get consistent, reproducible results with premium **bioactive proteins**

Human Lactate Dehydrogenase peptide (ab47009)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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