

## Recombinant Human BDH1

Catalog No: #GP11279



Package Size: #GP11279-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human BDH1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 211 amino acids of human 3-hydroxybutyrate dehydrogenase, type 1
Target Name	3-hydroxybutyrate dehydrogenase, type 1
Other Names	BDH; SDR9C1
Accession No.	Swissprot:Q02338Gene Accession:BC011964
Uniprot	Q02338
GenID	622;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a member of the short-chain dehydrogenase/reductase gene family. The encoded protein forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific requirement for phosphatidylcholine for optimal enzymatic activity. The encoded protein catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the two major ketone bodies produced during fatty acid catabolism. Alternatively spliced transcript variants encoding the same protein have been described.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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