

Recombinant Human D-beta-hydroxybutyrate dehydrogenase, mitochondrial(BDH1)

Catalog No: #AP70079

Package Size: #AP70079-1 20ug #AP70079-2 100ug #AP70079-3 1mg

Description

Product Name	Recombinant Human D-beta-hydroxybutyrate dehydrogenase, mitochondrial(BDH1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:47-343aaSequence Info:Full Length
Other Names	3-hydroxybutyrate dehydrogenase;Short chain dehydrogenase,reductase family 9C member 1
Accession No.	Q02338
Calculated MW	37.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ASAAEPVGSKAVLVTGCDSGFGFSLAKHLHSGFLVFAGCLMKDKGHDGVKELDSLNSDRLRTVQLNVCSSSE EVEKVVEIVRSSLKDPEKGMWGLVNNAGISTFGEVEFTSLETYKQVAEVNLWGTVRMTKSFLPLIRRAKGRVV NISSMLGRMANPARSPYCITKFGVEAFSDCLRYEMYPLGVKVSVVEPGNFIAATSLYSPESIQAIKKMWEELP EVVRKDYGKKYFDEKIAKMETYCSSGSTDTSPVIDAVTHALTATTPYTRYHPMDYYWWLRMQIMTHLPGAISD MIYIR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

References

Molecular cloning and characterization of (R)-3-hydroxybutyrate dehydrogenase from human heart.Marks A.R., McIntyre J.O., Duncan T.M., Erdjument-Bromage H., Tempst P., Fleischer S.J. Biol. Chem. 267:15459-15463(1992)Research Topic:Cancer

Note: This product is for in vitro research use only and is not intended for use in humans or animals.