

Recombinant human L-2-hydroxyglutarate dehydrogenase, mitochondrial

Catalog No: #AP71527

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP71527-1 20ug #AP71527-2 100ug #AP71527-3 1mg

Description

Product Name	Recombinant human L-2-hydroxyglutarate dehydrogenase, mitochondrial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:52-463aaSequence Info:Full Length
Other Names	Duranin
Accession No.	Q9H9P8
Uniprot	Q9H9P8
GeneID	79944;
Calculated MW	61.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	VIVGGGIVGLASARALILRHPSLSIGVLEKEKDLAVHQGTGHNSGVIHSGIYYKPESLKAKLCVQGAALLYEYCQQ KGISYKQCGKLIVAVEQEEIPRLQALYEKGLQNGVPLRLIQQEDIKKKEPYCRGLMAIDCPHTGIVDYRQVALS FAQDFQEAGGSVLTNFEVKGIEMAKESPSRSIDGMQYPIVIKNTKGEEIRCQYVVTGAGLYSDRISELGCTPD PRIVPFRGDYLLLKPEKCYLVKGNIPVPDSRFPFLGVHFTPRMDGSIWLGPNVLAFLKREGYRPFDFSATDV MDIIINSGLIKLASQNFSGVTEMYKACFLGATVKYLQKFIPEITISDILRGPAGVRAQALDRDGNLVEDFVFDAG VGDIGNRILHVRNAPSPAATSSIAISGMIADDEVQQRFEL
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

A gene encoding a putative FAD-dependent L-2-hydroxyglutarate dehydrogenase is mutated in L-2-hydroxyglutaric aciduria.Rzem R., Veiga-da-Cunha M., Noel G., Goffette S., Nassogne M.-C., Tabarki B., Schoeller C., Marquardt T., Vikkula M., van Schaftingen E.Proc. Natl. Acad. Sci. U.S.A. 101:16849-16854(2004)Research Topic:Cell Biology

Note: This product is for in vitro research use only