

L-2-hydroxyglutarate dehydrogenase (L2HGDH) Recombinant Protein | L2HGDH recombinant protein

Recombinant Human L-2-hydroxyglutarate dehydrogenase, mitochondrial (L2HGDH)

CATALOG # AAA117636	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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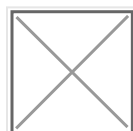
PRODUCT SYNONYMS

L-2-hydroxyglutarate dehydrogenase (L2HGDH); Recombinant Human L-2-hydroxyglutarate dehydrogenase; mitochondrial (L2HGDH); Duranin; L2HGDH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	52-463. Full Length of Mature Protein (Full Length of Mature Protein of Isoform 1)
Sequence	VIVGGGIVGL ASARALILRH PLSIGVLEK EKDLAVHQTG HNSGVIHSGI YYKPESLKAK LCVQGAALLY EYCQQKGISY KQCGKLIVAV EQEEIPRLQA LYEKGLQNGV PGLRLIQQED IKKKEPYCRG LMAIDCPHTG IVDYRQVALS FAQDFQEAGG SVLTNFEVKG IEMAKESPSR SIDGMQYPIV IKNTKGEEIR CQYVVT CAGL YSDRISEL SG CTPDPRIVPF RGDYLLKPE KCYLVKGNIY PVPDSRFPFL GVHFTPRMDG SIWLGPN AVL AFKREGYRPF DFSATDVMDI IINSGLIKLA SQNFSYGVTE MYKACFLGAT VKYLQKFIPE ITISDILRGP AGVRAQALDR DGNLVEDFVF DAGVGDIGNR ILHVRNAPSP AATSSIAISG MIADEVQQR F EL
Sequence Length	463
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for L2HGDH recombinant protein	Cell Biology
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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. 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NCBI AND UNIPROT INFORMATION

NCBI GI #	13376331
NCBI GeneID	79944
NCBI Accession #	NP_079160.1
NCBI GenBank Nucleotide #	NM_024884.2
UniProt Accession #	Q9H9P8; Q9BRR1
Molecular Weight	61.3 kDa
NCBI Official Full Name	L-2-hydroxyglutarate dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	L-2-hydroxyglutarate dehydrogenase

NCBI Official Symbol	L2HGDH
NCBI Official Synonym Symbols	L2HGA; C14orf160
NCBI Protein Information	L-2-hydroxyglutarate dehydrogenase, mitochondrial
UniProt Protein Name	L-2-hydroxyglutarate dehydrogenase, mitochondrial
UniProt Gene Name	L2HGDH
UniProt Synonym Gene Names	C14orf160
UniProt Entry Name	L2HDH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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