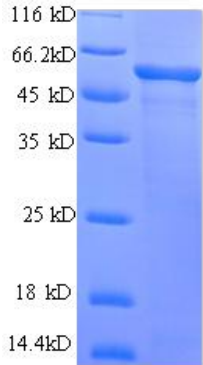




Recombinant Human L-2-hydroxyglutarate dehydrogenase, mitochondrial (L2HGDH)

Catalog Number: CSB-EP864008HU

Product Name:	Recombinant Human L-2-hydroxyglutarate dehydrogenase, mitochondrial (L2HGDH)
Alternative names:	Duranin
Catalog Number:	CSB-EP864008HU
Relevance :	(S)-2-hydroxyglutarate + acceptor = 2-oxoglutarate + reduced acceptor.
Mol. Weight:	60kD
Product Info :	His-tagged
Source:	E.coli derived
Images	
Purity:	>90%(SDS-PAGE)
Storage Buffer:	20mM Tris-HCl, 0.5M Arg, PH 8.0,50% glycerol
Storage :	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes :	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
AA sequence:	VIVGGGIVGLASARALILRHPSLSIGVLEKEKDLAVHQTGHNSGVIHSGIYYKPESLKAKLCVQG AALLYEYCQQKGISYKQCCKLIVAVEQEEIPRLQALYKGLQNGVPLRLIQQEDIKKKEPYCR GLMAIDCPHTGIVDYRQVALSFAQDFQEAGGSVLTNFEVKGIEMAKESPSRSIDGMQYPIVIKN TKGEEIRCQYVVTGAGLYSDRISELSGCTPDPRIVPFRGDYLLKPEKCYLVKGNIIYPVPSRFP FLGVHFTPRMDGSIWLGPNVAVLAFKREGYRPFDFSATDVMIIINSGLIKLASQNFYSYGVTEMY KACFLGATVKYLQKFIPEITISDILRGPAGVRAQALDRDGNLVEDFVFDAGVGDIGNRILHVRNA PSPAATSSIAISGMIADDEVQQR FEL
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)