



# Recombinant Human D-2-hydroxyglutarate dehydrogenase, mitochondrial (D2HGDH)

<b>Product Code</b>	CSB-EP843153HU-B
<b>Abbreviation</b>	D2HGDH
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8N465
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LRGAPGA AGSWGPRVGP LARRGCCSAP GTPEVPLTRE RYPVRRLLPFS TVSKQDLAAF ERIVPGGVVT DPEALQAPNV DWLRTLRGCS KVLLRPRTSE EVSHILRHCH ERNLAVNPQG GNTGMVGGSV PVFDEIILST ARMNRVLSFH SVSGILVCQA GCVLEELSRV VEERDFIMPL DLGAKGSCHI GGNVATNAGG LRFLRYGSLH GTVLGLEVVV ADGTVLDCLT SLRKDNTGYD LKQLFIGSEG TLGIITTVSI LCPPKPRAVN VAFLGCPGFA EVLQTFSTCK GMLGEILSAF EFMDAVCMQL VGRHLHLASP VQESPFYVLI ETSGSNAGHD AEKLGHFLEH ALGSGLVTDG TMATDQRKVK MLWALRERIT EALS RDGYVY KYDLSLPVER LYDIVTDLRA RLGPHAKHVV GYGHLGDGNL HLNVTAEAFS PSLLAALEPH VYEWTAGQQG SVSAEHGVGF RKRDLVLYGYSK PPGALQLMQQ LKALLDPKGI LNPKYKTLPSQ A
<b>Source</b>	E.coli
<b>Target Names</b>	D2HGDH
<b>Protein Names</b>	Recommended name: D-2-hydroxyglutarate dehydrogenase, mitochondrial EC=1.1.1.99.-
<b>Expression Region</b>	14-521
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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