



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

Product Code	CSB-MP843153HU
Abbreviation	D2HGDH
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.
Uniprot No.	Q8N465
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	LRGAPGA AGSWGRPVG P LARRGCCSAP GTPEVPLTRE RYPVRRLLPFS TVSKQDLAAF ERIVPGGVVT DPEALQAPNV DWLRTLRGCS KVLLRPRTSE EVSHILRHCH ERNLAVNPQG GNTGMVGGSV PVFDEIILST ARMNRVLSFH SVSGILVCQA GCVLEELSRV VEERDFIMPL DLGAKGSCHI GGNVATNAGG LRFLRYGSLH GTVLGLEVV L ADGTVLDCLT SLRKDNTGYD LKQLFIGSEG TLGIITTVSI LCPPKPRAVN VAFLGCPGFA EVLQTFSTCK GMLGEILSAF EFMDAVCMQL VGRHLHLASP VQESPFYVLI ETSGSNAGHD AEKLGHFLEH ALGSGLVTDG TMATDQRKVK MLWALRERIT EALS RDGYVY KYDLSLPVER LYDIVTDLRA RLGPHAKHV V GYGHLGDGNL HLNVTAEAFS PSLLAALPH VYEWTAGQQG SVSAEHGVGF RKR DVLGYSK PPGALQLMQQ LKALLDPKGI LNPKYKTLPSQ A
Source	Mammalian cell
Target Names	D2HGDH
Protein Names	Recommended name: D-2-hydroxyglutarate dehydrogenase, mitochondrial EC=1.1.99.-
Expression Region	14-521
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	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.
Shelf Life	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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