



# Recombinant Human 2,4-dienoyl-CoA reductase, mitochondrial (DECR1)

<b>Product Code</b>	CSB-EP624114HU-B
<b>Abbreviation</b>	DECR1
<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>	Q16698
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	NTEALQ SKFFSPLQKA MLPPNSFQ GK VAFITGGGTG LGKGM TLLS SLGAQCVIAS RKMDVLKATA EQISSQTGNK VHAIQCDVRD PDMVQNTVSE LIKVAGHPNI VINNAAGNFI SPTERLSPNA WKTITDIVLN GTAFVTLEIG KQLIKAQKGA AFLSITTIYA ETGSGFVVPS ASAKAGVEAM SKSLAAEWGK YGMRFNVIQP GPIKTKGAFS RLDPTGTFEK EMIGRIPCGR LGTVEELANL AAFLCSDYAS WINGAVIKFD GGEEVLISGE FNDLRKVTKE QWDTIEELIR KTKGS
<b>Source</b>	E.coli
<b>Target Names</b>	DECR1
<b>Protein Names</b>	Recommended name: 2,4-dienoyl-CoA reductase, mitochondrial EC= 1.3.1.34 Alternative name(s): 2,4-dienoyl-CoA reductase [NADPH] Short name= 4-enoyl-CoA reductase [NADPH]
<b>Expression Region</b>	35-335
<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>Target Details</b>	This gene encodes an accessory enzyme which participates in the beta-oxidation and metabolism of unsaturated fatty enoyl-CoA esters.
<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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