



Recombinant Human Glutamate dehydrogenase 2, mitochondrial (GLUD2)

Product Code	CSB-EP009545HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49448
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SELVADR EDDPNFFKMV EGGFDRGASI VEDKLVKDLR TQSEEEQKRN RVRGILRIIK PCNHVLSLSF PIRRDDGSWE VIEGYRAQHS QHRTPCCKGGI RYSTDVSVDE VKALASLMTY KCAVVDVDPFG GAKAGVKINP KNYTENELEK ITRRFTMELA KKGFIGPGVD VPAPDMNTGE REMSWIADTY ASTIGHYDIN AHACVTGKPI SQGGIHGRIS ATGRGVFHGI ENFINEASYM SILGMTPGFR DKTFVVQGFV NVGLHSMRYL HRFGAKCIAV GESDGSIWNP DGIDPKELED FKLQHGSILG FPKAKPYEGS ILEVDCDILI PAATEKQLTK SNAPRVKAKI IAEGANGPTT PEADKIFLER NILVIPDLYL NAGGVTVSYP EWLKLNHVS YGRLTFKYER DSNYHLLLSV QESLERKFGK HGGTIPIVPT AEFQDSISGA SEKDIVHSAL AYTMEARSARQ IMHTAMKYNL GLDLRTAAYV NAIKVFVKVY SEAGVTFT
Source	E.coli
Target Names	GLUD2
Protein Names	Recommended name: Glutamate dehydrogenase 2, mitochondrial Short name= GDH 2 EC= 1.4.1.3
Expression Region	54-558
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. 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.