



Recombinant Escherichia coli Quinoprotein glucose dehydrogenase (gcd)

Product Code	CSB-CF325786ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15877
Product Type	Transmembrane Protein
Immunogen Species	Escherichia coli (strain K12)
Sequence	<p> MAINNTGSRLLVTLTALFAALCGLYLLIGGGWLVAIGGSWYYPIAGLVMLGVA WMLWRS KRAALWLYAALLLGTMIWGVWEVGFDFWALTTPRSDILVFFGIWLILPFVWRRLV IPASGA VAALVVALLISGGILTWAGFNDPQEINGTLSADATPAEAISPVADQDWPAYGRN QEGQRF SPLKQINADNVHNLKEAWVFRTGDVKQPNDPGEITNEVTPIKVGDTLYLCTAH QRLFALD AASGKEKWHYDPELKTNESFQHVTCTRGVSYHEAKAETASPEVMADCPRIILP VNDGRLI AINAENGLKLCETFANKGVLNLQSNMPDTKPGLYEPTSPPIITDKTIVMAGSVTD NFSTRE TSGVIRGFDVNTGELLWAFDPGAKDPNAIPSEHTFTFNSPNSWAPAAAYDAKL DLVYLPM GVTTPDIWGGNRTPEQERYASSILALNATTGKLAWSYQTVHHDLWMDLPAQ PTLADITV NGQKVPVIYAPAKTGNIFVLDRRNGELVVPAPKPKVPQGAAGDYVTPTQPFS ELSFRPT KDLSGADMWGATMFDQLVCRVMFHQMRYEGIFTPPSEQGTLVFPGNLGMFE WGGISVDPN REVAIANPMALPFVSKLIPRGPGNPMEQPKDAKGTGTESGIQPQYGVPYGVTL NPFLSPF GLPCKQPAWGYISALDLKTNEVVWKKRIGTPQDSMPFPMPVVPFNMGMPPM LGPISTAG NVLFIAATADNYLRAYNMSNGEKLWQGRLPAGGQATPMTYEVNGKQYVVISA GGHGSFGT KMGDYIVAYALPDDVK </p>
Source	in vitro E.coli expression system
Target Names	gcd
Protein Names	<p>Recommended name: Quinoprotein glucose dehydrogenase EC= 1.1.5.2</p> <p>Alternative name(s): Glucose dehydrogenase [pyrroloquinoline-quinone]</p>
Expression Region	1-796
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 protein

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.