



Recombinant Mouse 2-oxoglutarate dehydrogenase, mitochondrial(Ogdh),partial

Product Code	CSB-EP730634MO
Relevance	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO ₂ . It contains multiple copies of three enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).
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.	Q60597
Storage Buffer	Tris-based buffer,50% glycerol
Alias	2-oxoglutarate dehydrogenase complex component E1 Short name: OGDC-E1 Alpha-ketoglutarate dehydrogenase
Product Type	Recombinant Protein
Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	VDKRTCIPMNLWPNQAPYTVCNSSLSEYGVLGFEFGFAMASPNALVLWEAQ FGDFNNMAQCIIDQFICPGQAKWVRQNGIVLLLPHGMGMEGMGPEHSSARPERF LQMCNDDPDVLPDLQEENFDINQLYDCNWIVVNCSTPGNFFHVLRRQILLPFR KPLIVFTP KSLLRHPEARTSFDEMLPGTHFQRVIPENGPAQAQDPHKVKRLLFCT GKVVYDLTRERKARNMEEVAITRIEQLSPFPDLLLKEAQKYPNAELAWCQE EHKNQGYDYVKPRLRTTIDRAKPVWYAGRDPAAAPATGNKKTHLTELRFL DTAFDLDAFKKFS
Source	E.coli
Gene Names	Ogdh
Expression Region	695-1023aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	53.9?kDa
Protein Description	Partial
Image	

