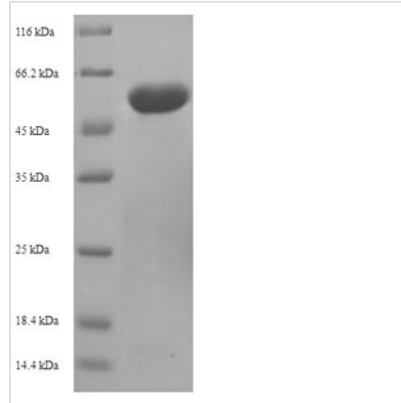


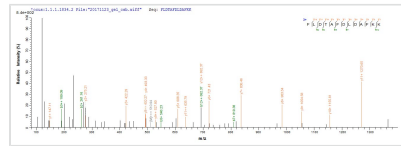


# Recombinant Mouse 2-oxoglutarate dehydrogenase, mitochondrial (Ogdh), partial

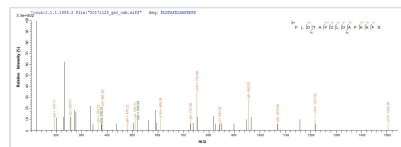
<b>Product Code</b>	CSB-EP730634MO
<b>Relevance</b>	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO <sub>2</sub> . It contains multiple copies of three enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).
<b>Abbreviation</b>	Recombinant Mouse Ogdh protein, partial
<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>	Q60597
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	VDKRTCIPMNLWPNQAPYTVCNSSLSEYGVLFELGFAMASPNALVVLWEAQ FGDFNNMAQCIIDQFICPGQAKWVRQNGIVLLLPHGMEGMGPEHSSARPERF LQMCNDDPDVLPDLQEENFDINQLYDCNWIVVNCSTPGNFFHVLRRQILLPFR KPLIVFTPksllrhpeartsfdeMLPGTHFQRVIPENGPAAQDPHKVKRLLFCT GKVVYDLTRERKARNMEEVAITRIEQLSPFPDLLLLKEAQKYPNAELAWCQE EHKNQGYDYVKPRLRTTIDRAKPVWYAGRDPAAAPATGNKKTHLTELQRFL DTAFDLDAFKKFS
<b>Source</b>	E.coli
<b>Target Names</b>	Ogdh
<b>Expression Region</b>	695-1023aa
<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>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	50.8kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP730634MO could indicate that this peptide derived from E.coli-expressed Mus musculus (Mouse) Ogdh.



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**Shelf Life**

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