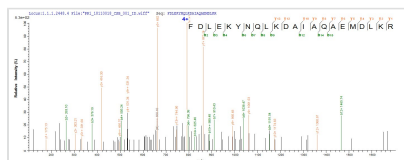




# Recombinant Mouse Calcium uniporter protein, mitochondrial (Mcu)

<b>Product Code</b>	CSB-CF668882MO
<b>Abbreviation</b>	Recombinant Mouse Mcu protein
<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>	Q3UMR5
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	AHQRPASWQSVGAAYCSTVVPSSDVTVVYQNGLPVISVRLPSRRERCQFTLK PISDSVGVFLRQLQEEDRGIDRVAIYSPDGVRVAASTGIDLLLLDDFKLVINDLT YHVRPPKRDLLSHEDAATLNDVKTLVQQLYTTLCIEQHQLNKERELVERLEDLK QQLAPLEKVRIEISRKAERKRTTLVLWGGLAYMATQFGILARLTWWEYSWDIME PVTYFITYGSAMAMYAYFVMTRQEYVYPEARDRQYLLFFHKGAKKSRFDLEKY NQLKDAIAQAEMDLKRLRDPLQVHLPLRQIGEKE
<b>Research Area</b>	Cardiovascular
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	Mcu
<b>Protein Names</b>	Recommended name: Calcium uniporter protein, mitochondrial Alternative name(s): Coiled-coil domain-containing protein 109A
<b>Expression Region</b>	50-350aa
<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 10xHis-tagged
<b>Mol. Weight</b>	37.7 kDa
<b>Protein Length</b>	Full Length of Mature Protein

## Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-CF668882MO could indicate that this peptide derived from E.coli-expressed Mus musculus (Mouse) Mcu.

