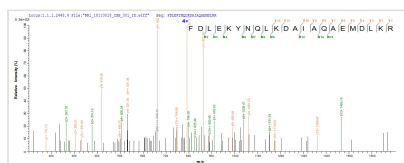




Recombinant Mouse Calcium uniporter protein, mitochondrial (Mcu)

Product Code	CSB-CF668882MO
Abbreviation	Recombinant Mouse Mcu protein
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.	Q3UMR5
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose
Product Type	Transmembrane Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	AHQRPASWQSVGAAYCSTVVPSSDDVTVVYQNGLPVISVRLPSRRERCQFTLK PISDSVGVFLRQLQEEDRGIDRVIAIYSPDGVRVAASTGIDLLLLDDFKLVINDLT YHVRPPKRDLLSHEDAATLNDVKTLVQQLYTTLCIEQHQLNKERELVERLEDLK QQLAPLEKVRIEISRKAERKRTTLVLWGGLAYMATQFGILARLTWWEYSWDIME PVTYFITYGSAMAMYAYFVMTRQEYVYPEARDRQYLLFFHKGAKKSRFDLEKY NQLKDAIAQAEMDLKRLRDPLQVHLPLRQIGEKE
Research Area	Cardiovascular
Source	in vitro E.coli expression system
Target Names	Mcu
Protein Names	Recommended name: Calcium uniporter protein, mitochondrial Alternative name(s): Coiled-coil domain-containing protein 109A
Expression Region	50-350aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	37.7 kDa
Protein Length	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.

