

Recombinant Human CCDC109A protein, GST-tagged

Cat. No. CCDC109A-3748H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCDC109A protein(155-233 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	155-233 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	DLTYHVRPPKRDLLSHENAATLNDVKTLVQQLYTTLCIEQHQLNKERELIERLEDLKE QLAPLEKVRIEISRKA EKRTT
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	MCU mitochondrial calcium uniporter [Homo sapiens]
Official Symbol	MCU
Synonyms	C10orf42; CCDC109A; MCU; mitochondrial calcium uniporter
Gene ID	90550
mRNA Refseq	NM_138357.2
Protein Refseq	NP_612366.1
MIM	614197
UniProt ID	Q8NE86

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