

Recombinant Full Length Human Mitochondrial Inner Membrane Protein(Immt) Protein, His-Tagged

Cat. No. RFL3243HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Mitochondrial inner membrane protein(IMMT) Protein (Q16891) (1-758aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-758)
Form	Lyophilized powder
AA Sequence	MLRACQLSGVTAQAQSCLCGKFVLRPLRPCRRYSTSGSSGLTTGKIAGAGLLFVGG GIGG TILYAKWDSHFRESVEKTIPYSDKLFEMVLGPAAYNVPLPKKSIQSGPLKISSV SEVMKE SKQPASQLQKQKGDTPASATAPTEAAQIISAAGDTLSVPAPAVQPEESLK TDHPEIGEGK PTPALSEEASSSSIRERPPEEVAARLAQQEKQEQQVIESLAKSLEDA LRQTASVTLQAI AQNAAVQAVNAHSNILKAAMDNSEIAGEKKSQAQWRTVEGALKE RRKAVDEAADALLKAKE ELEKMKSVIENAKKKEVAGAKPHITAAEGKLHNMIVDLDN VVKKVQAAQSEAKVVSQYHE LVVQARDDFKRELDSTPEVLPGWKGMSVSDLADK LSTDDLNSLIAHAHRRIDQLNRELA EQKATEKQHITLAEKQKLEEKRAFDSAVAKAL EHRSEIQAEQDRKIEEVRDAMENEMR TQLRRQAAAHTDHLRDVLRVQEQLKSE FEQNLSEKLSEQELQFRRLSSEQVDNFTLDIN TAYARLRGIEQAVQSHAVAEER KAHQLWLSVEALKYSMKTSSAETPTIPLGSAVEAIK ANCSDFEFTQALTAAPPESLT RGVYSEETLRARFYAVQKLARRVAMIDETRNSLYQYFL SYLQSLLLFPPQQLKPPPE

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LCPEDINTFKLLSYASYCIEHGDLELAAKFVNQLKGESRRV AQDWLKEARMTLETQK
IVEILTAYASAVGIGTTQVQPE

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name IMMT

Synonyms IMMT; HMP; MIC60; MINOS2; PIG4; PIG52; MICOS complex subunit MIC60; Cell proliferation-inducing gene 4/52 protein; Mitochondrial inner membrane protein; Mitofilin; p87/89

UniProt ID [Q16891](https://www.uniprot.org/entry/Q16891)

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