

Recombinant Full Length Human MICU3 Protein, GST-tagged

Cat. No. MICU3-4187HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFHA2 full-length ORF (NP_859074.1, 1 a.a. - 530 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	530 amino acids
Description	MICU3 (Mitochondrial Calcium Uptake Family Member 3) is a Protein Coding gene. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is MICU2.
Molecular Mass	87.1 kDa
AA Sequence	MAALRRLLWPPPRVSPPLCAHQPLLGPWGRPAVTTLGLPGRPFSSREDEERAVAE AAWRRRRRWGELSVAAAAGGGLVGLVCYQLYGDPRAGSPATGRPSKSAATEPED PPRGRGMLPIPVAAAKETVAIGRTDIEDLDLYATSRERRFRLFASIECEGQLFMTPYD FILAVTTDEPKVAKTWKSLSKQELNQMLAETPPVWKGSSKLFRLNKEKGVISYTEYL FLLCILTCKPHAGFRIAFNMFDTGDNEMVDKKEFLVLQEIFRKKNEKREIKGDEEKRAM LRLQLYGYHSPTNSVLKTDAEELVSRSYWDTLRRNTSQALFSDLAERADDITSLVTD TTLLVHFFGKKGKAELNFEDFYRFMDNLQTEVLEIEFLSYSNGMNTISEEDFAHILLR YTNVENTSVFLENVRYSIPEEKGITFDEFRSFFQFLNNLEDFAIALNMYNFASRSIGQ DEFKRAVYVATGLKFSPHLVNTVFKIFDVKDDQLSYKEFIGIMKDRLHRGFRGYKTV QKYPTFKSCLKKELHSR

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MICU3 mitochondrial calcium uptake family member 3 [Homo sapiens (human)]
Official Symbol	MICU3
Synonyms	MICU3; mitochondrial calcium uptake family member 3; EFHA2; EF-hand domain family, member A2; EF hand domain family A2; EF-hand domain-containing family member A2; DKFZp313A0139; EF hand domain family, member A2;
Gene ID	286097
mRNA Refseq	NM_181723
Protein Refseq	NP_859074
MIM	610633
UniProt ID	Q86XE3

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