

Recombinant Human MICU1

Catalog No: #GP12715



Package Size: #GP12715-1 100ug

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Description

Product Name	Recombinant Human MICU1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 277-476 amino acids of human MICU1
Target Name	mitochondrial calcium uptake 1
Other Names	CALC; EFHA3; MPXPS; CBARA1
Accession No.	Swissprot:Q9BPX6Gene Accession:BC004190
Uniprot	Q9BPX6
GeneID	10367;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes an essential regulator of mitochondrial Ca²⁺ uptake under basal conditions. The encoded protein interacts with the mitochondrial calcium uniporter, a mitochondrial inner membrane Ca²⁺ channel, and is essential in preventing mitochondrial Ca²⁺ overload, which can cause excessive production of reactive oxygen species and cell stress. Alternatively spliced transcript variants encoding different isoforms have been described.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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