

## MICU1 抗原（重组蛋白）

中文名称： MICU1 抗原（重组蛋白）

英文名称： MICU1 Antigen (Recombinant Protein)

别名： mitochondrial calcium uptake 1; CALC; EFHA3; MPXPS; CBARA1

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 277-476 amino acids of human MICU1

### 技术规格

<b>Full name:</b>	mitochondrial calcium uptake 1
<b>Synonyms:</b>	CALC; EFHA3; MPXPS; CBARA1
<b>Swissprot:</b>	Q9BPX6
<b>Gene Accession:</b>	BC004190
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes an essential regulator of mitochondrial Ca <sup>2+</sup> uptake under basal conditions. The encoded protein interacts with the mitochondrial calcium uniporter, a mitochondrial inner membrane Ca <sup>2+</sup> channel, and is essential in preventing mitochondrial Ca <sup>2+</sup> overload, which can cause excessive production of reactive oxygen species and cell stress. Alternatively spliced transcript variants encoding different isoforms have been described.

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