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Datasheet for ABIN7505338
MAF Protein (AA 1-373) (His tag)

Overview

Quantity:	100 µg
Target:	MAF
Protein Characteristics:	AA 1-373
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAF protein is labelled with His tag.

Product Details

Sequence:	Met 1-Met 373
Characteristics:	A DNA sequence encoding the Human MAF protein (O75444-2) (Met 1-Met 373) was expressed with a N-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	MAF
Alternative Name:	MAF (MAF Products)
Background:	Abbreviation: MAF Target Synonym: Transcription factor Maf,MAF,Proto-oncogene c-Maf,V-maf musculoaponeurotic fibrosarcoma oncogene homolog Background: c-Maf is an approximately 40 kDa transcriptional regulator that contains one bZIP

Target Details

domain. It can associate into homodimers and heterodimers with other basic leucine zipper transcription factors. c-Maf plays an important role in fetal erythropoiesis, lens development, mechanosensory neuron development, and the differentiation of chondrocytes and osteoblasts. In the pancreas, c-Maf promotes the transcription of glucagon in alpha cells and insulin in beta cells.

Molecular Weight:	Calculated MW: 40.92 kDa Observed MW: 45 kDa
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UniProt:	O75444-2
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Expiry Date:	12 months
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