

# Recombinant Human MAF protein (His tag)

Catalog Number:PDEH100434



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

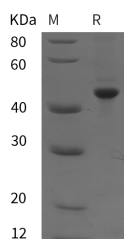
## Description

<b>Synonyms</b>	Transcription factor Maf;MAF;Proto-oncogene c-Maf;V-maf musculoaponeurotic fibrosarcoma oncogene homolog
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Met 373
<b>Accession</b>	O75444-2
<b>Calculated Molecular Weight</b>	40.9 kDa
<b>Observed molecular weight</b>	45 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

c-Maf is an approximately 40 kDa transcriptional regulator that contains one bZIP 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.

## For Research Use Only

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