

Recombinant Human MAF1, His-tagged

Cat. No. MAF1-1016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-256aa).
Species	Human
Source	Human
Description	MAF1 that is similar to Maf1, a <i>Saccharomyces cerevisiae</i> protein is a protein highly conserved in eukaryotic cells and is localized to the nucleus. Interacting with BRF2, MAF1 functions to mediate signals that specifically repress the activity of RNA polymerase III (Pol III), specifically by inhibiting the assembly of TFIIB onto DNA. It responds to changes in the cellular environment and represses pol III transcription.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
Molecular Weight	31.0 kDa (276aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
Purity	> 90% by SDS - PAGE
Concentration	1.0 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHH SGLVPRGSH MKLLENSSE AINSQTLVET GDAHIIGRIE SYSCKMAGDD KHMFKQFCQE GQPHVLEALS PPQTSGLSPTS RLSKSQGGEE EGPLSDKCSR KTLFYLIATL NESFRPDYDF STARSHEFSR EPSLSWVVNA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VNCSLFSAVR EDFKDLKPQL WNAVDEEICL AECDIYSYNP DLDSDPFGED
 GSLWSFNFF YNKRLKRIVF FSCRSISGST YTPSEAGNEL DMELGEEVE
 EESRSRGSGA EETSTMEEDR VPVICI

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

MAF1 MAF1 homolog (S. cerevisiae) [Homo sapiens]

Official Symbol

MAF1

Synonyms

MAF1; MGC20332; MGC31779; MGC39758; MAF1 homolog (S. cerevisiae);
 repressor of RNA polymerase III transcription MAF1 homolog; DKFZp586G11231;
 OTTHUMP00000229044; OTTHUMP00000229045; OTTHUMP00000229046;
 homolog of yeast MAF1

Gene ID

84232

mRNA Refseq

NM_032272

Protein Refseq

NP_115648

MIM

610210

UniProt ID

Q9H063

**Chromosome
Location**

8q24.3

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