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 Saccharomyces cerevisiae protein is a protein highly conserved in eukaryotic cells and is localized to the nucleus. Interactng with BRF2, MAF1 functions to mediate signals that specifically repress the activity of RNA polymerase III (Pol III), specifically by inhibiting the assembly of TFIIIB 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	MGSSHHHHHH SSGLVPRGSH MKLLENSSFE AINSQLTVET GDAHIIGRIE SYSCKMAGDD KHMFKQFCQE GQPHVLEALS PPQTSGLSPS RLSKSQGGEE EGPLSDKCSR KTLFYLIATL NESFRPDYDF STARSHEFSR EPSLSWVVNA

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	VNCSLFSAVR EDFKDLKPQL WNAVDEEICL AECDIYSYNP DLDSDPFGED GSLWSFNYFF YNKRLKRIVF FSCRSISGST YTPSEAGNEL DMELGEEEVE 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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