

## 32-4151: Recombinant Human MAF1

**Alternative Name :** MAF1 homolog (*S. cerevisiae*), Repressor of RNA polymerase III transcription MAF1 homolog, homolog of yeast MAF1, MGC20332, MGC31779, MGC39758, DKFZp586G1123.

### Description

Source : E.coli. MAF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 276 amino acids (1-256) and having a molecular mass of 31.0 kDa. The MAF1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. MAF1 resembles Maf1 which is a *Saccharomyces cerevisiae* - a highly conserved protein in eukaryotic cells, localized to the nucleus. MAF1 interacts with BRG1 and functions as a mediator for signals which explicitly inhibit RNA polymerase III (Pol III) activity by inhibiting the association of TFIIB to DNA. MAF1 reacts to modifications in the cellular environment and represses pol III transcription.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The MAF1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MKLENSSEFE AINSQTLVET GDAHIIGRIE SYSCKMAGDD KHMFKQFCQE  
GQPHVLEALS PPQTSGLSPS RLSKSQGGEE EGPLSDKCSR KTLFYLIATL NESFRPDYDF STARSHEFSR  
EPLSWVVNA VNCSLFSAVR EDFKDLKPQL WNAVDEEICL AECDIYSYNP DLSDPFGED GSLWSFNFF  
YNKRLKRIVF FCRSISGST YTPSEAGNEL DMELGEEVE EESRSRSGA EETSTMEEDR VPVICI

