

**MAF1, 1-256aa, Human,His tag, E.coli**

**Cat.NO.: TP02876**

3th Edition

**Synonyms:**MAF1 homolog (*S. cerevisiae*), MGC20332, MGC31779, MGC39758.

**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. 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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMKLLENSSEFEAINSQLTVETGDAHIIIGRIESYSCKMAGDDKHMFKQFCQEGQPHV  
LEALSPPQTSGLSPSRLSKSQGEEEGPLSDKCSRKTLFYLIATLINESFRPDYDFSTARSHSREPSLSWVVNAV  
NCSLFSAVREDFKDLKPQLWNAVDEEICLAECDIYSYNPDLDSDPFGEDGSLWSFNFFYNKRLKRIVFFSCRSISG  
STYTPSEAGNELDMELGEEVEEESRSRGSAGEETSTMEEDRVPVICI

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.