

Product information

MAF1, 1-256aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1197

Full name: MAF1 homolog (*S. cerevisiae*)

NCBI Accession No.: AAH31273

Synonyms: 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. Recombinant human MAF1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

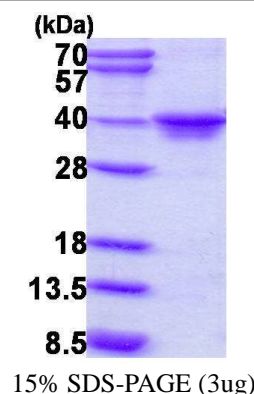
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

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 SSGLVPRGSH MKLLENSFE AINQLTVET GDAH IGRIE SYSCKMAGDD KHMFKQFCQE GQPHVLEALS PPQTSGLSPS
 RLSKSQGGEE EGPLSDKCSR KTLFYLIATL NESFRPDYDF STARSHFSR EPSLSWVNA VNCSLFS AVR EDFKDLKPOL WNAVDEE ICL
 AECDIYSNP DLSDPFGED GSLWSFNFF YNKRLKRIVF FSCRSISGST YTPSEAGNEL DMELGEEVE EESRSRGS GA EETSTMEEDR
 VPVICI

General references:

Pluta K. *et al.* (2001) *Mol. Cell. Biol.* 21: 5031-5040

Upadhy R. *et al.* (2002) *Mol. Cell.* 10: 1489-1494.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.