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MAF1 Human

Description: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.

Catalog #:PRPS-928

For research use only.

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

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MKLLENSSFE AINSQLTVET GDAHIIGRIE SYSCKMAGDD KHMFKQFCQE GQPHVLEALS PPQTSGLSPS RLSKSQGGEE EGPLSDKCSR KTLFYLIATL NESFRPDYDF STARSHEFSR EPSLSWVVNA VNCSLFSAVR EDFKDLKPQL WNAVDEEICL AECDIYSYNP DLDSDPFGED GSLWSFNYFF YNKRLKRIVF FSCRSISGST YT

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:
The MAF1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Stability:
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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
MAF1 resembles Maf1 which is a Saccharomyces cerevisiae a highly conserved protein in eukaryotic cells, localized to the nucleus. MAF1 Interacts with BRF2, MAF1 and functions as a mediator for signals which explicitly inhibit RNA polymerase III (Pol III) activity by inhibiting the association of TFIIIB to DNA. MAF1 reacts to modifications in the cellular environment and represses pol III transcription.

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