

Recombinant Human MAFB protein, His-tagged

Cat. No. MAFB-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAFB protein(NP_005452.2), fused to His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a basic leucine zipper (bZIP) transcription factor that plays an important role in the regulation of lineage-specific hematopoiesis. The encoded nuclear protein represses ETS1-mediated transcription of erythroid-specific genes in myeloid cells. This gene contains no introns.
Form	50 mM Tris-HCl (pH 8.0), 300 mM NaCl
Molecular Mass	The protein has a calculated MW of 36.8 kDa.
AA Sequence	MAAELSMGPELPTSPLAMEYVNDFDLLKFDVKKEPLGRAERPGRPCTRLQPAGSVS STPLSTPCSSVPSSPSFSPTTEQKTHLEDLYWMASNYQQMNPEALNLTPEDAVEALI GSHPVPQPLQSFDSFRGAHHHHHHHHHPHPPHAYPGAGVAHDELGPHAHPHHHHHH HQASPPPPSSAASPAQQLPTSHPGPGPHATASATAAGGNGSVEDRFSDDDLVSMSV RELNRHLRGFTKDEVIRLKQKRRTLKNRGYAQSCRYKRVQQKHLENEKTQLIQQV EQLKQEVSRRLARERDAYKVKCEKLANSGFREAGSTSDSPSSPEFFLLEHHHHHHH
Purity	> 95% by SDS-PAGE

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Storage Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.28 mg/ml

GENE INFORMATION

Gene Name MAFB MAF bZIP transcription factor B [Homo sapiens (human)]

Official Symbol MAFB

Synonyms KRML; MCTO; DURS3

Gene ID 9935

mRNA Refseq NM_005461.5

Protein Refseq NP_005452.2

MIM 608968

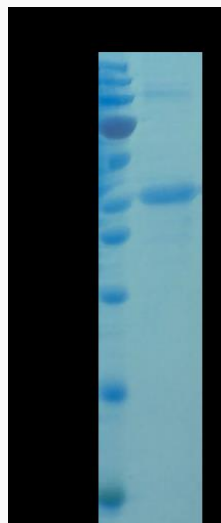
UniProt ID Q9Y5Q3

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SDS-PAGE of MAFB-01H



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