

Recombinant Full Length Human MAFG Protein, C-Flag-tagged

Cat. No. MAFG-1149HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MAFG Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Globin gene expression is regulated through nuclear factor erythroid-2 (NFE2) elements located in enhancer-like locus control regions positioned many kb upstream of alpha- and beta-gene clusters. NFE2 DNA-binding activity consists of a heterodimer containing a ubiquitous small Maf protein and the tissue-restricted protein p45 NFE2. Both subunits are members of the activator protein-1-like superfamily of basic leucine zipper (bZIP) proteins.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	17.7 kDa
AA Sequence	MTPNKGNKALKVKREPGENGTSLTDEELVTMSVRELNQHLRGLSKEEIVQLKQRR RTLKNRGYAASCRV KRVTKQEELEKQKAELQQEVEKLASENASMKLELDALRSKYE ALQTFARTVARSPVAPARGPLAAGLGPL VPGKVAATSVITIVKSKTDARSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

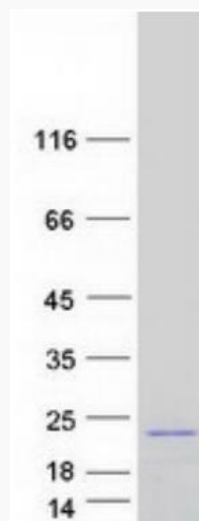
GENE INFORMATION

Gene Name	MAFG MAF bZIP transcription factor G [Homo sapiens (human)]
Official Symbol	MAFG
Synonyms	hMAF
Gene ID	4097
mRNA Refseq	NM_002359.4
Protein Refseq	NP_002350.1
MIM	602020
UniProt ID	O15525

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Coomassie blue staining of purified MAFG protein.

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