Recombinant Human MAFG Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAFG-2460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MAFG MS Standard C13 and N15-labeled recombinant protein (NP_002350) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	17.7 kDa
AA Sequence	MTTPNKGNKALKVKREPGENGTSLTDEELVTMSVRELNQHLRGLSKEEIVQLKQRR RTLKNRGYAASCRVKRVTQKEELEKQKAELQQEVEKLASENASMKLELDALRSKYE ALQTFARTVARSPVAPARGPLAAGLGPLVPGKVAATSVITIVKSKTDARSTRTRPLEQ KLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

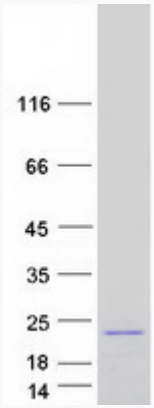
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MAFG MAF bZIP transcription factor G [Homo sapiens (human)]
Official Symbol	MAFG
Synonyms	MAFG; v-maf musculoaponeurotic fibrosarcoma oncogene homolog G (avian); v maf musculoaponeurotic fibrosarcoma (avian) oncogene family, protein G; transcription factor MafG; basic leucine zipper transcription factor MafG; MGC13090; MGC20149; hMAF;
Gene ID	4097
mRNA Refseq	NM_002359
Protein Refseq	NP_002350
MIM	602020
UniProt ID	O15525

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SDS-PAGE	

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