

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	MTTPNKGNKALKVKREPGENGTSLTDEELVTMSVRELNQHRLGLSKEEIVQLKQRR 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

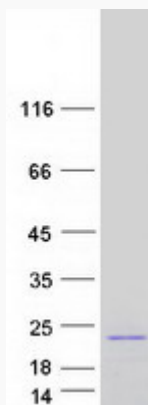
MIM 602020

UniProt ID O15525

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA