

Recombinant Human MAFG protein ab113589

1 图像

描述

产品名称	重组人MAFG蛋白
纯度	> 90 % SDS-PAGE. ab113589 was purified by using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>O15525</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	20 kDa including tags
氨基酸	1 to 162
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab113589** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

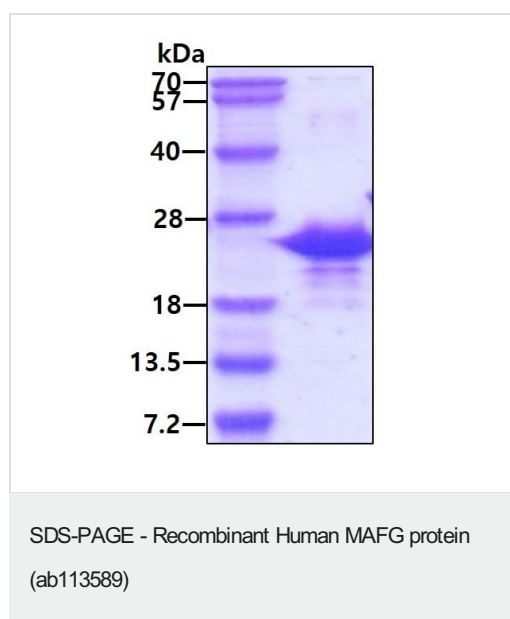
制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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常规信息

功能	Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves. However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins and recruiting them to specific DNA-binding sites. Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor. Transcription factor, component of erythroid-specific transcription factor NF-E2. Activates globin gene expression when associated with NF-E2. May be involved in signal transduction of extracellular H(+).
组织特异性	Highly expressed in skeletal muscle. Also expressed in heart and brain.
序列相似性	Belongs to the bZIP family. Maf subfamily. Contains 1 bZIP domain.
翻译后修饰	Acetylated in erythroid cells by CREB-binding protein (CBP). Acetylation augments the DNA-binding activity of NFE2, but has no effect on binding NFE2. Sumoylation at Lys-14 is required for active transcriptional repression.
细胞定位	Nucleus.

图片



3µg by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

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