abcam

Product datasheet

Recombinant Human MelanA protein ab114312

1 References 1 图像

描述

产品名称 重组人MelanA蛋白

表达系统 Wheat germ Accession Q16655

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MPREDAHFIYGYPKKGHGHSYTTAEEAAGIGILTVILGVLLL

IGCWYCRR

 ${\tt RNGYRALMDKSLHVGTQCALTRRCPQEGFDHRDSKVSLQEKN}$

CEPVVPNA PPAYEKLSAEQSPPPYSP

预测分子量 39 kDa including tags

氨基酸 1 to 118

标签 GST tag N-Terminus

技术指标

Our Abpromise guarantee covers the use of ab114312 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

Western blot

ELISA

形式 Liquid

补充说明 Protein concentration is above or equal to 0.05 mg/mL.

制备和贮存

稳**定性和存储** Shipped on dry ice. Upon delivery aliquot and store at -80℃. Avoid freeze / thaw cycles.

pH: 8.00

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常规信息

功能 Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the

expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to

the formation of stage II melanosomes.

组织特异性 Expression is restricted to melanoma and melanocyte cell lines and retina.

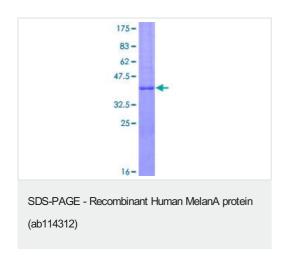
翻译后修饰 Acylated.

细胞定位 Endoplasmic reticulum membrane. Golgi apparatus. Golgi apparatus > trans-Golgi network

membrane. Melanosome. Also found in small vesicles and tubules dispersed over the entire cytoplasm. A small fraction of the protein is inserted into the membrane in an inverted orientation. Inversion of membrane topology results in the relocalization of the protein from a predominant Golgi/post-Golgi area to the endoplasmic reticulum. Melanoma cells expressing the protein with an inverted membrane topology are more effectively recognized by specific cytolytic T-

lymphocytes than those expressing the protein in its native membrane orientation.

图片



SDS-PAGE analysis of ab114312 on a 12.5% gel stained with Coomassie Blue.

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