

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	<u>Q16655</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MPREDAHFIYGYPKKGGHGSYTTAAEEAAGIGILTVILGVLLL IGCWYCRR 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 <u>Abpromise guarantee</u> 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°C. Avoid freeze / thaw cycles. pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

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.

SDS-PAGE - Recombinant Human MelanA protein
(ab114312)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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