

Product datasheet

Recombinant Human GPNMB protein (denatured) ab171588

[1 Image](#)

Description

Product name	Recombinant Human GPNMB protein (denatured)	
Purity	> 85 % SDS-PAGE. ab171588 was purified using conventional chromatography.	
Expression system	Escherichia coli	
Accession	<u>Q14956-2</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMGS AKRFHDVLGNERPSA YMREHNQLNGWS SDENDWNEKLYPVWKRGD MRWKNSWKGGRVQAVLTSD SPALVGSNITFAV NLIFPRCQKEDANGNIVYEKNCRNEAGLSADPYVYNWTA WSESDSGENGT GQSHHNVPD GKPFPHHPG WRRWNFIYFHTLGQYFQKL GRCSVRVSVNT ANVTLGPQLMEVTYRRHGRAYVPIAQVKDVYVVDQIPV FVTMFQKNDR NSSDETFLKDLPI MFDVLIHDPSHFLNYSTINYKWSFGDNT GLFVSTNHT VNHTYVLNGTFSLNLT VKAAAPGPCPPPPPPRPSKPTP SLGPAGDNPLE LSRI PDENCQINRYGHFQATITVEGILEVNIQMTDVLMPVP WPESLI DFVVT CQGSIPTEVCTIISDPTCEITQNTVCSPVDVDEMCL LTVRRTFNGSGTYCVNLT LGDDTSLALTSTLISVP	
Predicted molecular weight	53 kDa including tags	
Amino acids	22 to 474	
Tags	His tag N-Terminus	
Description	Recombinant Human GPNMB protein	

Specifications

Our **Abpromise guarantee** covers the use of **ab171588** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage 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: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function Could be a melanogenic enzyme.

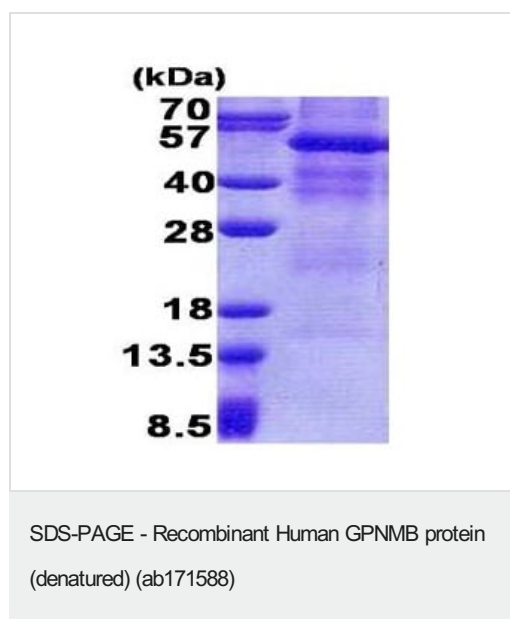
Tissue specificity Not restricted to the melanocytic lineage.

Sequence similarities Belongs to the PMEL/NMB family.
Contains 1 PKD domain.

Developmental stage Expression in poorly metastatic melanoma cell lines; no expression in highly metastatic melanoma cell lines.

Cellular localization Membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



15% SDS-PAGE analysis of ab171588 at 3µg.

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