

Datasheet for ABIN5853180

**Osteoactivin Protein (GPNMB) (AA 22-474) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	Osteoactivin (GPNMB)
Protein Characteristics:	AA 22-474
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Osteoactivin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGS AKRFHDV LGNERPSAYM REHNQLNGWS SDENDWNEKL YPVWKRGDMR WKNSWKGGRV QAVLTSDSPA LVGSNITFAV NLIFPRCQKE DANGNIVYEK NCRNEAGLSA DPVYVNWTAW SEDSDGENGT GQSHHNVPD GKPFPHHPGW RRWNFIYVFH TLGQYFQKLG RCSVRVSVNT ANVTLGPQLM EVTVYRRHGR AYVPIAQVKD VYVVDQIPV FVTMFQKNDR NSSDETFLKD LPIMFDVLIH DSPHFLNYST INYKWSFGDN TGLFVSTNHT VNHTYVLNGT FSLNLTVCAA APGPCPPPPP PPRPSKPTPS LGPAGDNPLE LSRIPDENCQ INRYGHFQAT ITIVEGILEV NIIQMTDVLM PVPWPESLI DFVVTQCGSI PTEVCTIISD PTCEITQNTV CSPVDVDEMC LLTVRRTFNG SGTYCVNLT GDDTSLALTS TLISVP
Purity:	> 85 % by SDS - PAGE

## Target Details

Target:	Osteoactivin (GPNMB)
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## Target Details

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Alternative Name:	GPNMB ( <a href="#">GPNMB Products</a> )
Background:	GPNMB is a type I transmembrane glycoprotein which shows homology to the pMEL17 precursor, a melanocyte-specific protein. The protein shows expression in the lowly metastatic human melanoma cell lines and xenografts but does not show expression in the highly metastatic cell lines. GPNMB may be involved in growth delay and reduction of metastatic potential. Two transcript variants encoding different isoforms have been found for this gene. Recombinant human GPNMB protein, fused to His-tag at N-terminus, was expressed in E.coli.
Molecular Weight:	53.2kDa (476aa)
NCBI Accession:	<a href="#">NP_002501</a>
UniProt:	<a href="#">Q14956</a>

## Application Details

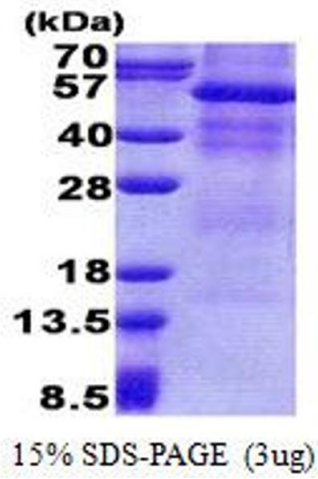
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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.4M urea, 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



### SDS-PAGE

Image 1.