

# Recombinant mouse VISTA/B7-H5/PD-1H protein

Catalog Number: ATGP3229

## PRODUCT INFORMATION

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### Expression system

Baculovirus

### Domain

33-191aa

### UniProt No.

Q9D659

### NCBI Accession No.

NP\_083008

### Alternative Names

Gi24, Dies1, PD-1H, VISTA

## PRODUCT SPECIFICATION

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### Molecular Weight

18.8 kDa (167aa)

### Concentration

1mg/ml (determined by absorbance at 280nm)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

### Purity

> 90% by SDS-PAGE

### Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

GI24, also known as platelet receptor Gi24, belongs to the immunoglobulin superfamily. This protein promotes both MT1-MMP expression and the MT1-MMP mediated activation of MMP-2. It supports the differentiation of embryonic stem cells (ESC) and enhances BMP-4 induced in ESC, but it is also down-regulated following BMP-4 exposure. Recombinant mouse GI24, fused to His-tag at C-terminus, was expressed in insect cell and purified by

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using conventional chromatography techniques.

## Amino acid Sequence

FKVTTTPYSLY VCPEGQNATL TCRILGPVSK GHDVTIYKTW YLSSRGEVQM CKEHRPIRNF TLQHLQHHGS HLANASHDQ  
PQKHGLELAS DHHGNFSITL RNVTPRDSGL YCCLVIELKN HHPEQRFYGS MELQVQAGKG SGSTCMASNE QDSDSITAA<L  
EHHHHHH>

## General References

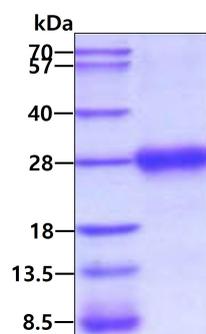
Sakr M.A., et al. (2010) Cancer Sci. 101:2368-2374.

Aloia L., et al. (2010) J. Biol. Chem. 285:7776-7783.

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.