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

Catalog Number: ATGP3229

#### **PRODUCT INFORMATION**

### **Expression system**

Baculovirus

#### **Domain**

33-191aa

#### UniProt No.

09D659

#### **NCBI Accession No.**

NP 083008

### **Alternative Names**

Gi24, Dies1, PD-1H, VISTA

# **PRODUCT SPECIFICATION**

# **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**

#### **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**

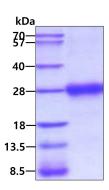
FKVTTPYSLY VCPEGQNATL TCRILGPVSK GHDVTIYKTW YLSSRGEVQM CKEHRPIRNF TLQHLQHHGS HLKANASHDQ PQKHGLELAS DHHGNFSITL RNVTPRDSGL YCCLVIELKN HHPEQRFYGS MELQVQAGKG SGSTCMASNE QDSDSITAA<L EHHHHHH>

#### **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**

#### **SDS-PAGE**



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

