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

Catalog Number: ATGP3229

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
33-191aa

UniProt No.
Q9D659

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

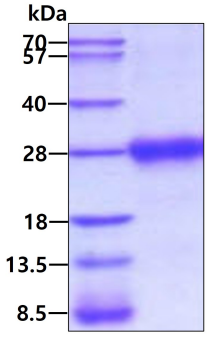
FKVTTPYSLY VCPEGQNATL TCRILGPVSK GHDVTIYKTW YLSSRGEVQM CKEHRPIRNF TLQHLQHHGS HLKANASHDQ PQKHGLELAS DHHGNFSITL RNVTPRDSGL YCCLVIELKN HHPEQRFYGS MELQVQAGKG SGSTCMASNE QDSDSITAA<L EHHHHHH>

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.