

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

Catalog Number: ATGP3255

## PRODUCT INFORMATION

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### Expression system

Baculovirus

### Domain

33-194aa

### UniProt No.

Q9H7M9

### NCBI Accession No.

NP\_071436

### Alternative Names

C10orf54, Stress-induced secreted protein-1, Sisp-1, B7-H5, B7H5, GI24, PP2135

## PRODUCT SPECIFICATION

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### Molecular Weight

19.1 kDa (170aa)

### Concentration

0.5mg/ml (determined by absorbance at 280nm)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4)

### Purity

> 95% 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

C10orf54, also known as Platelet receptor Gi24, is a member of the immunoglobulin superfamily. As a transmembrane molecule, this protein is expressed in bone on embryonic stem cells (ESCs), and on tumor cell surface. Thus, C10orf54 supports the differentiation of ESC and enhances BMP4 induced signaling in ESC, but is also down regulated following BMP4 exposure. Recombinant human C10orf54, fused to His-tag at C-terminus,

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was expressed in insect cell and purified by using conventional chromatography techniques.

## Amino acid Sequence

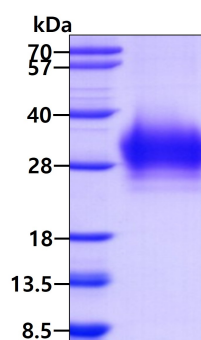
FKVATPYSLY VCPEGQNVTL TCRLLGPVDK GHDVTFYKTW YRSSRGEVQT CSERRPIRNL TFQDLHLHHG GHQAANTSHD  
LAQRHGLESA SDHHGNFSIT MRNLTLDDSG LYCCLVVEIR HHHSEHRVHG AMELQVQTGK DAPSNCVVYP SSSQDSENIT  
AA<VEHHHHHH>

## General References

Lv Y et al., (2014) PLoS One 9(1):e86364.  
Sakr MA et al., (2010) Cancer Sci. 101(11):2368-2374.

## DATA

### SDS-PAGE



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