

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

Catalog Number: ATGP3255

PRODUCT INFORMATION

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

Molecular Weight

19.1 kDa (170aa)

Concentration

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

Formulation

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

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

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

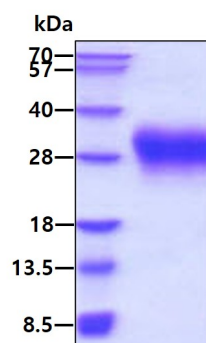
FKVATPYSLY VCPEGQNVTL TCRLGVPVDK GHDVTFYKTW YRSSRGEVQT CSERRPIRNL TFQDLHLHHG GHQAANTSHD
LAQRHGLESA SDHHGNFSIT MRNLTLDDSG LYCCLVVEIR HHHSEHRVHG AMELQVQTGK DAPSNCVVYP SSSQDSENIT
AA<VEHHHHHH>

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.