

Product information

Platelet receptor Gi24, 33-194aa

Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3255

NCBI Accession No.: NP_071436

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

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

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 19.1kDa (170aa)

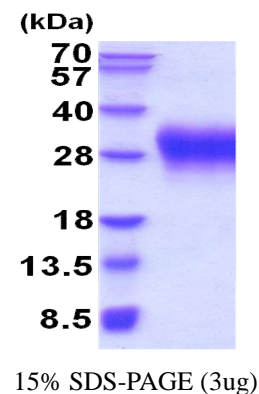
28-40KDa (SDS-PAGE under reducing conditions.)

Predicted N terminal: Phe33

Purity: > 95% by SDS – PAGE.

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)



Sequences of amino acids:

FKVATPYSLY VCPEGQNVTL TCRLGVPDK GHVTFYKTW YRSSRGEVQT CSERRP I RNL TFQDLHLHHG GHQAANTSHD LAQRHGLESA
SDHHGNFSIT MRNLTLTLDG LYCLVVEIR HHHSEHRVHG AMELQVQTGK DAPSNCVVYP SSSQDSENIT AAVEHHHHHH

General references:

Lv Y *et al.*, (2014) *PLoS One* 9(1):e86364.

Sakr MA *et al.*, (2010) *Cancer Sci.* 101(11):2368-2374.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.