

## Recombinant Human C10orf54 protein, His-tagged

**Cat. No.** C10orf54-197H **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human C10orf54, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	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.
<b>Form</b>	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	19.1kDa (170aa)28-40kDa (SDS-PAGE under reducing conditions.)
<b>AA Sequence</b>	FKVATPYSLY VCPEGQNVTL TCRLLGPVVK GHDVTFYKTV YRSSRGEVQT CSERRPIRNL TFQDLHLHHG GHQAANTSHD LAQRHGLESA SDHHGNFSIT MRNLTLTLDG LYCCLVVEIR HHHSEHRVHG AMELQVQTGK DAPSNCVVYP SSSQDSENIT AAVEHHHHHH
<b>Endotoxin</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Purity</b>	> 95% by SDS – PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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

## GENE INFORMATION

**Gene Name** C10orf54 chromosome 10 open reading frame 54 [ Homo sapiens ]

**Official Symbol** C10orf54

**Synonyms** C10ORF54; chromosome 10 open reading frame 54; platelet receptor Gi24; B7 H5; GI24; SISP1; stress induced secreted protein 1; B7-H5; PP2135;

**Gene ID** 64115

**mRNA Refseq** NM\_022153

**Protein Refseq** NP\_071436

**MIM**

**UniProt ID** Q9H7M9

**Chromosome Location** 10q22.1

**Function** receptor activity;

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