Recombinant Human C10orf54 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human C10orf54, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
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 ehhances BMP4 induced signaling in ESC, but is also down regulated following BMP4 exposure.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	19.1kDa (170aa)28-40KDa (SDS–PAGE under reducing conditions.)
AA Sequence	FKVATPYSLY VCPEGQNVTL TCRLLGPVDK GHDVTFYKTW YRSSRGEVQT CSERRPIRNL TFQDLHLHHG GHQAANTSHD LAQRHGLESA SDHHGNFSIT MRNLTLLDSG LYCCLVVEIR HHHSEHRVHG AMELQVQTGK DAPSNCVVYP SSSQDSENIT AAVEHHHHHH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	> 95% by SDS – PAGE

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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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