Active Recombinant Human C10orf54, Fc-tagged

Cat. No. C10orf54-545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human B7-H5-Fc fusion protein is expressed as a 390 amino acid protein consisting of Phe33 - Ala194 region of B7-H5 (UniProt accession #Q9H7M9) and a C-terminal Fc fusion from human IgG1, which exists as a dimer under non-reducing condition.
Species	Human
Source	Human Cells
ProteinLength	33-194 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier free).
Bio-activity	Inhibits anti-CD3e antibody induced IL-2 secretion in human T cells.
Molecular Mass	Calculated molecular mass 43.7 kDa; estimated by SDS-PAGE under reducing condition 65-70 kDa probably due to glycosylation
AA Sequence	FKVATPYSLYVCPEGQNVTLTCRLLGPVDKGHDVTFYKTWYRSSRGEVQTCSERR PIRNLTFQDLHLHHGGHQA ANTSHDLAQRHGLESASDHHGNFSITMRNLTLLDSGL YCCLVVEIRHHHSEHRVHGAMELQVQTGKDAPSNCVV YPSSSQDSENITAASTGT HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV DGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTI SKAKGQPREPQVYTLPP SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY KTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSV MHEALHNHYTQKSLSLSPG

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Endotoxin	<0.1 eu per 1 μg of purified recombinant protein determined by the
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

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
UniProt ID	Q9H7M9
Chromosome Location	10q22.1

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Function	receptor activity;

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