

# Active Recombinant Human C10orf54, Fc-tagged, Biotinylated

**Cat. No.** C10orf54-544H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	33-194 a.a.
<b>Form</b>	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
<b>Bio-activity</b>	Inhibits anti-CD3e antibody induced IL-2 secretion in human T cells.
<b>Molecular Mass</b>	Calculated molecular mass 43.7 kDa; estimated by SDS-PAGE under reducing condition 65-70 kDa probably due to glycosylation
<b>AA Sequence</b>	FKVATPYSLYVCPEGQNVTLCRLLGPVDKGGHDVTFYKWTWYRSSRGEVQTCSE PIRNLTFQDLHLHHGGHQA ANTSHDLAQRHGLESASDHHGNFSITMRNLTLDSGL YCCLVVEIRHHHSEHRVHGAMELQVQTGKDAPSNV YPSSSQDSENITAASTGT HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV DGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTI SKAKGQPREPQVYTLPP SREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY

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	KTTPVLDSGDGSFFLYSKLTVDKSRWQQGNVFSCSV MHEALHNHYTQKSLSLSPG K
<b>Endotoxin</b>	<0.1 eu per 1 µg of purified recombinant protein determined by the
<b>Purity</b>	>95% judged by SDS-PAGE under reducing condition
<b>Storage</b>	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.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">C10orf54 chromosome 10 open reading frame 54 [ Homo sapiens ]</a>
<b>Official Symbol</b>	C10orf54
<b>Synonyms</b>	C10ORF54; chromosome 10 open reading frame 54; platelet receptor Gi24; B7 H5; GI24; SISP1; stress induced secreted protein 1; B7-H5; PP2135;
<b>Gene ID</b>	<a href="#">64115</a>
<b>mRNA Refseq</b>	<a href="#">NM_022153</a>
<b>Protein Refseq</b>	<a href="#">NP_071436</a>
<b>UniProt ID</b>	<a href="#">Q9H7M9</a>

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<b>Chromosome Location</b>	10q22.1
<b>Function</b>	receptor activity;

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