Active Recombinant Mouse Platelet receptor Gi24, Fc-tagged, Biotinylated

Cat. No. Gi24-714M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant mouse B7-H5-Fc fusion protein is expressed as a 387 amino acid protein consisting of Phe33 - Ala191 region of B7-H5 (UniProt accession #Q9D659) and a C-terminal Fc fusion from human IgG1, which exists as a dimer under non-reducing condition.
Species	Mouse
Source	Human Cells
ProteinLength	33-191 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Inhibits anti-CD3e antibody induced IL-2 secretion and T cell proliferation.
Molecular Mass	Calculated molecular mass 43.3 kDa; estimated by SDS-PAGE under reducing condition 65-70 kDa probably due to glycosylation
AA Sequence	FKVATPYSLYVCPEGQNVTLTCRLLGPVDKGHDVTFYKTWYRSSRGEVQTCSERR PIRNLTFQDLHLHHGGHQAA NTSHDLAQRHGLESASDHHGNFSITMRNLTLLDSGL YCCLVVEIRHHHSEHRVHGAMELQVQTGKDAPSNCVVY PSSSQDSENITAASTGT HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV D GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKT

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	ISKAKGQPREPQVYTLPPS REEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY KTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVM HEALHNHYTQKSLSLSPG K
Endotoxin	<0.1 eu="" per="" 1="" µg="" of="" purified="" recombinant="" protein="" determined="" by="" the="" lal="">
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.
Conjugation	Biotin

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