

Recombinant Human platelet receptor Gi24/C10orf54

Catalog No: C791

Description	Recombinant Human platelet receptor Gi24/C10orf54 is produced with our Mammalian expression system. The target protein is expressed with sequence (Phe33---Ala194) of Human C10orf54 fused with a Fc tag at the C--- terminus.
Source	Human Cells
Alternative name	Platelet receptor Gi24, Stress---induced secreted protein---1, Sisp---1, C10orf54, SISP1
Accession No.	Q9H7M9
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Reconstitution	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Quality Control	<p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>
Shipping	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
Storage	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Amino Acid Sequence	<p>FKVATPYSLYVCPEGQNVTLTCRLLGPVDKGHDVTFYKTWYRSSRGEVQTCSERRPIRNLTFQDLHLHHGG</p> <p>HQAANTSHDLAQRHGLEASDHGNGFSITMRNLTLDSGLYCCLVVEIRHHHSEHRVHGAMELQVQTGKDA</p> <p>PSNCVVYPSSSQESENITA AVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPE</p> <p>VTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKAL</p> <p>PAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPS</p> <p>DIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSP</p> <p>GK</p>
Background	<p>Platelet receptor Gi24 is a single---pass type I membrane protein, and located at the cell surface. The protein can be cleaved by MMP14, and stimulate MMP14---mediated MMP2 activation. It is participated in the BMP signaling pathway. It also regulates the CD4---positive, alpha---beta T cell proliferation, and T cell cytokine production negatively. However, the protein can regulate stem cell differentiation positively.</p>

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