



Recombinant Protein Technical Manual

Recombinant Human CD93/C1QR1 Protein (aa 24-580, His Tag)

RPES0842

Product Data:

Product SKU: RPES0842

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q9NPY3

Protein Information:

Molecular Mass: 59.2 kDa

AP Molecular Mass: 87 kDa

Tag: C-6His

Bio-activity:

Purity: > 80 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Complement Component C1q Receptor; C1q/MBL/SPA Receptor; C1qR; C1qR(p); C1qRp; CDw93; Complement Component 1 q Subcomponent Receptor 1; Matrix-Remodeling-Associated Protein 4CD93; C1QR1; MXRA4

Immunogen Information:

Sequence: Ala24-Lys580

Background:

C1q R1 is also known as CD93, collectin receptor, and AA4 antigen, belongs to the Group XIV C-Type lectin family which play a role not only in cell–cell adhesion processes but also in host defence. All of them contain a C-type lectin domain, a series of epidermal growth factor like domains (EGF), a highly glycosylated mucin-like domain, a unique transmembrane domain and a short cytoplasmic tail. C1q R1 has also been identified as a hematopoietic stem cell marker.