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

Catalog No. PKSH032269

Note: Centrifuge before opening to ensure complete recovery of vial contents.

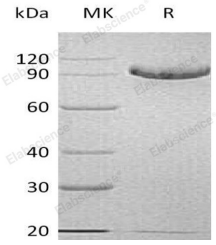
Description

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
Species	Human
Expression Host	HEK293 Cells
Sequence	Ala24-Lys580
Accession	Q9NPY3
Calculated Molecular Weight	59.2 kDa
Observed molecular weight	85-100 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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 PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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