

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

Catalog Number: PKSH032269

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

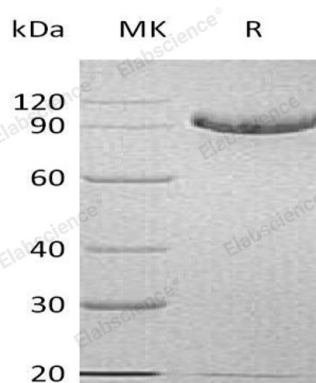
Description

Species	Human
Source	HEK293 Cells-derived Human CD93;C1QR1 protein Ala24-Lys580, with an C-terminal His
Calculated MW	59.2 kDa
Observed MW	85-100 kDa
Accession	Q9NPY3
Bio-activity	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 °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 PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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

Clq 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. Clq R1 has also been identified as a hematopoietic stem cell marker.

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