

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

Catalog Number: PKSH032269

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

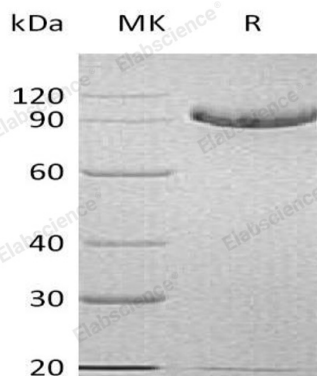
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human CD93;C1QR1 protein Ala24-Lys580, with an C-terminal His
<b>Calculated MW</b>	59.2 kDa
<b>Observed MW</b>	85-100 kDa
<b>Accession</b>	Q9NPY3
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	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.
<b>Reconstitution</b>	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.

### For Research Use Only