

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



Catalog Number:PKSH032269

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

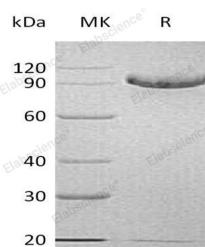
## Description

<b>Synonyms</b>	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
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Ala24-Lys580
<b>Accession</b>	Q9NPY3
<b>Calculated Molecular Weight</b>	59.2 kDa
<b>Observed molecular weight</b>	85-100 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g 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 $\mu$ m 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.
<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

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