

# Recombinant Human CD38 Protein

RPCB0587

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPCB0587

**Calculated MW:** 56.6 kDa

**Contents:** 100 µg

**Observed MW:** 60-70 kDa

**Reactivity:** Human

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human CD38 Protein (RPCB0587), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Gene ID:** 952

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit [Insert Stable Web Address] to view the full protocol.

**Expression Host:** HEK293 cells

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

**Tags:** C-hFc

**Background:** CD38 is highly and uniformly expressed on multiple myeloma (MM) cells, and at relatively low levels on normal lymphoid and myeloid cells, and in some tissues of nonhematopoietic origin. CD38 is a transmembrane glycoprotein with ectoenzymatic activity, and also functions as a receptor and adhesion molecule. Altogether, this has triggered the development of several CD38 antibodies including daratumumab (fully human), isatuximab (chimeric), and MOR202 (fully human).

**Synonyms:** ADPRC 1, T10, CD38, ADP-ribosyl cyclase 1, cADPr hydrolase 1, CD38 molecule, EC 2.4.99.20, EC 3.2.2.6

**Purification:**  $\geq 95\%$  as determined by SDS-PAGE;  $\geq 95\%$  as determined by HPLC.

**Endotoxin:**  $< 1$  EU/ $\mu$ g of the protein by LAL method.

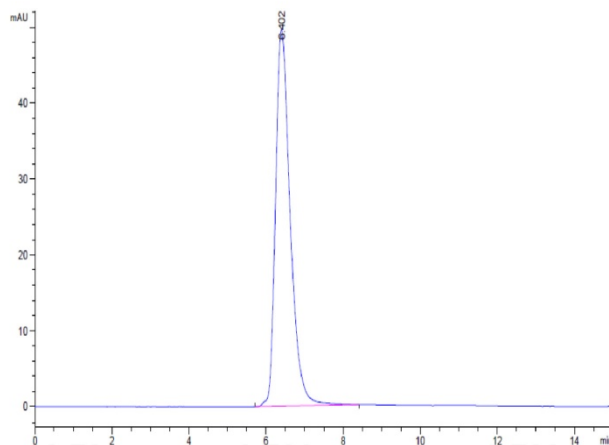
## Validation Data

### Image



### Description

Recombinant Human CD38 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human CD38 is greater than 95% as determined by SEC-HPLC.