

# Recombinant Human CD83 Protein, C-His (Active)

## Summary

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<b>Catalog No.</b>	AHF85901
<b>Alternative Names</b>	CD83, hCD83, CD83 antigen, B-cell activation protein, Cell surface protein HB15
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
<b>Biological activity</b>	Measured by the ability of the immobilized protein to support the adhesion of human monocytederived dendritic cells. When 5 x 10 <sup>4</sup> cells/well are added to human CD83 (Cat #: AHF85901) coated plates (5 µg/mL, 100 µL/well), approximately 50-75% will adhere after 30 minutes at 37 °C.
<b>Endotoxin level</b>	<0.1 EU/µg of the protein by the LAL method.
<b>Expression system</b>	Mammalian Cells
<b>Accession</b>	Q01151
<b>Protein length</b>	Thr20-Ala143
<b>Nature</b>	Recombinant
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

## Recombinant Proteins &amp; Antibodies

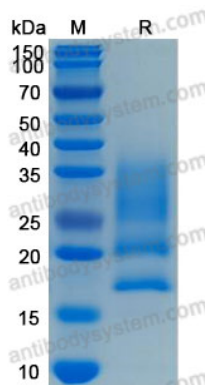
Species	Homo sapiens (Human)
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
Note	For research use only.

## Data Image



Bioactivity

Measured by the ability of the immobilized protein to support the adhesion of human monocytederived dendritic cells. When  $5 \times 10^4$  cells/well are added to human CD83 (Cat #: AHF85901) coated plates ( $5 \mu\text{g/mL}$ ,  $100 \mu\text{L/well}$ ), approximately 50-75% will adhere after 30 minutes at  $37^\circ\text{C}$ .



SDS-PAGE

SDS-PAGE for Recombinant Human CD83 protein