

Recombinant Human CD83 (C-Fc)

Catalog # EPT262

Expression Host Human Cells

DESCRIPTION Recombinant Human CD83 is produced by our

Mammalian expression system and the target gene

encoding Thr20-Ala143 is expressed with a Fc tag at

the C-terminus.

Accession Q01151

Synonyms hCD83; B-cell activation protein; Cell surface protein

HB15; CD antigen

Mol Mass 41.2 KDa

AP Mol Mass 50-60 KDa, reducing conditions

Purity Greater than 90% as determined by reducing

SDS-PAGE.

Endotoxin Less than 0.1 ng/μg (1 EU/μg) as determined by LAL

test.

FORMULATION Lyophilized from a 0.2 µm filtered solution of 20mM

PB, 150mM NaCl, pH 7.4.

RECONSTITUTION Always centrifuge tubes before opening. Do not mix by



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vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SHIPPING

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Lyophilized protein should be stored at < -20 ° C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20° C for 3 months.

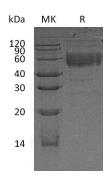
BACKGROUND

CD83 antigen is a single-pass type I membrane protein which contains one Ig-like V-type (immunoglobulin-like) domain. CD83 is expressed by activated lymphocytes, Langerhans cells and interdigitating reticulum cells. It contains one Ig-like V-type (immunoglobulin-like) domain. , the soluble CD83 has the opposite effect and has an immune





inhibitory capacity. Due to its immune inhibitory function, CD83 may play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.



SDS-PAGE



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