

## 32-7368: Recombinant Human CD83/HB15 (C-6His)

**Gene :** CD83  
**Gene ID :** 9308  
**Uniprot ID :** Q01151

### Description

Source: Human Cells.  
MW :15.1kD.

Recombinant Human CD83 is produced by our Mammalian expression system and the target gene encoding Thr20-Ala143 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**Storage condition :** 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.  
**Amino Acid :** TPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGERMETPQEDHLRGQHYHQKQGNGSFDAPNERPY SLKIRNTTSCNSGTYRCTLQDPDGQRNLSGKVLRVGTGCPAQRKEETFKKYRAVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.