

Recombinant Human CD83/HB15 Protein (His Tag)

Catalog Number:PKSH032225



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

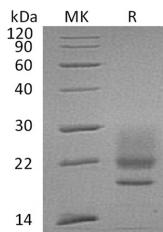
Description

Synonyms	CD83 Antigen;hCD83;B-Cell Activation Protein;Cell Surface Protein HB15;CD83
Species	Human
Expression Host	HEK293 Cells
Sequence	Thr 20-Ala143
Accession	Q01151
Calculated Molecular Weight	15.1 kDa
Observed molecular weight	19-22 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.2. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Reconstitution	Please refer to the specific buffer information in the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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