



Recombinant Protein Technical Manual
Recombinant Mouse CD83/HB15 Protein (aa 2234,
His Tag)
RPES5053

Product Data:

Product SKU: RPES5053

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: O88324

Protein Information:

Molecular Mass: 17.4 kDa

AP Molecular Mass: 30-33 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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 µm filtered solution of PBS, pH7.4.

Reconstitution: Please refer to it for detailed information.

Application:

Synonyms: CD83 Antigen; hCD83; B-Cell Activation Protein; Cell Surface Protein HB15; CD83

Immunogen Information:

Sequence: Met22-Ala134

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.