Recombinant Protein Technical Manual

Recombinant Human IL-20RB Protein (Fc Tag)

RPES1223

Product Data:

Product SKU: RPES1223

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q6UXL0

Protein Information:

Molecular Mass: 49.6 kDa

AP Molecular Mass: 70 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

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

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at<-20°C.

Formulation: Supplied as a 0.2 µm filtered solution of PBS, pH 7.4 .

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Interleukin-20 receptor subunit beta;IL-20 receptor subunit beta;IL-20R-beta;IL-20RB;IL-20R2;DIRS1;hCG_2022374; FNDC6; MGC34923; fibronectin type III domain containing 6; interleukin-20 receptor II

Immunogen Information:

Sequence: Asp30-Ala230

Background:

Interleukin-20 receptor subunit beta（IL20RB） is a single-pass type I membrane protein and belongs to the type II cytokine receptor family. It contains 2 fibronectin type-III domains. There are two kinds of type II cytokine receptors : cytokine receptors that bind type I and type II interferons; cytokine receptors that bind members of the interleukin0 family (interleukin0, interleukin-20 and interleukin-22). Type II cytokine receptors are similar to type I cytokine receptors except they do not possess the signature sequence WSXWS that is characteristic of type I receptors. They are expressed on the surface of certain cells, which bind and respond to a select group of cytokines. These receptors are related predominantly by sequence similarities in their extracellular portions that are composed of tandem Ig-like domains. The intracellular domain of type II cytokine receptors is typically associated with a tyrosine kinase belonging to the Janus kinase (JAK) family