

Human CellExp IL20RB /IL-20R2, human recombinant protein
IL20RB, IL-20R2, IL-20R-beta, DIRS1, FNDC6
Catalog # PBV11068r**Specification**

Human CellExp IL20RB /IL-20R2, human recombinant protein - Product infoPrimary Accession
Calculated MW[Q6UXL0](#)

This protein fused with Fc fragment of human IgG1 at the C-terminus, has a calculated MW of 49.1 kDa. The predicted N-terminus is Asp 30. As a result of glycosylation, DTT-reduced Protein migrates as 50 kDa and non-reduced protein migrates as 100 kDa. KDa

Human CellExp IL20RB /IL-20R2, human recombinant protein - Additional InfoGene ID **53833**
Gene Symbol **IL20RB****Other Names**

IL20RB, IL-20R2, IL-20R-beta, DIRS1, FNDC6

Gene Source **Human**
Source **HEK293 cells**
Assay&Purity **SDS-PAGE; ≥90%**
Assay2&Purity2 **N/A;**
Recombinant **Yes**
Results

Measured by its binding ability in a functional ELISA. When Recombinant Human IL-19 protein is present at 0.2 µg/mL, the concentration of rhIL20RB Fc Chimera that produces 50% of the optimal binding response is approximately 5-50 ng/ml.

Target/Specificity

IL20RB /IL-20R2

Application Notes

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format

Lyophilized

Storage

-20°C; Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH 7.0. Normally Mannitol or Trehalose is added as protectants before lyophilization.

Human CellExp IL20RB /IL-20R2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp IL20RB /IL-20R2, human recombinant protein - Images**Human CellExp IL20RB /IL-20R2, human recombinant protein - Background**

Interleukin-20 receptor subunit beta (IL20RB) is also known as IL-20R2, DIRS1, which belongs to the type II cytokine receptor family. IL20RB / IL-20R2 contains two fibronectin type-III domains. IL20RB / IL-20R2 is widely expressed with highest levels in skin and testis. IL20RB can be fused with IL20RA or IL22RA1 forming heterodimer. The IL20RA/IL20RB dimer is a receptor for IL19, IL20 and IL24. The IL22RA1/IL20RB dimer is a receptor for IL20 and IL24.

Human CellExp IL20RB /IL-20R2, human recombinant protein - References

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).