

Human CellExp™ IL20RB /IL-20R2, human recombinant

CATALOG #: 7447-10 10 µg
7447-50 50 µg

ALTERNATE NAMES: IL20RB, IL-20R2, IL-20R-beta, DIRS1, FNDC6

SOURCE: HEK 293 cells (Asp 30 – Ala 230)

PURITY: ≥ 90% by SDS-PAGE gel

MOL. WEIGHT: 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.

ENDOTOXIN LEVEL: <1 EU/µg by LAL method

FORM: Lyophilized

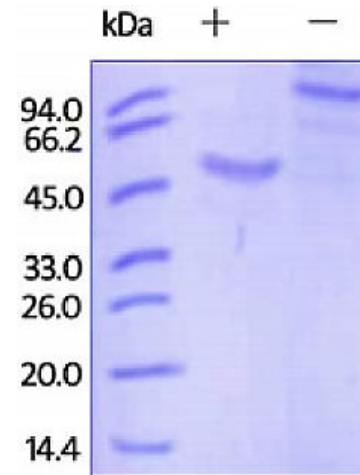
FORMULATION: Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH 7.0. Normally Mannitol or Trehalose is added as protectants before lyophilization.

STORAGE CONDITIONS: Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles.

RECONSTITUTION: 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.

DESCRIPTION: 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.

BIOLOGICAL ACTIVITY: 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.



Human recombinant IL20RB in the presence and absence of DTT.

RELATED PRODUCTS:

- IL-20 Antibody (**Cat. No. 5548-100**)
- IL-20, human recombinant (**Cat. No. 4548-10, -50, -1000**)
- IL-20, mouse recombinant (**Cat. No. 4549-10, -1000**)

FOR RESEARCH USE ONLY! Not to be used in humans.