Recombinant Human IL-20RA/IL-20R1 Protein (Fc Tag)

Catalog No. PKSH032575

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

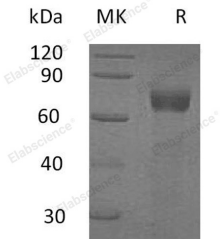
Description

Synonyms	Interleukin-20 Receptor Subunit Alpha;IL-20 Receptor Subunit Alpha;IL-20R-Alpha;IL-20RA;Cytokine Receptor Class-II Member 8;Cytokine Receptor Family 2 Member 8;CRF2-8;IL-20R1;ZcytoR7;IL20RA
Species	Human
Expression Host	HEK293 Cells
Sequence	Val30-Lys250
Accession	Q9UHF4
Calculated Molecular Weight	52.4 kDa
Observed molecular weight	70-85 kDa
Tag	C-Fc
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg 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℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Interleukin-20 Receptor Subunit α (IL20RA) is a single-pass type I membrane protein that is a member of the type II cytokine receptor family. IL20RA is synthetized a 553 amino acid glycoprotein precursor containing a 29 amino acid signal peptide; a 221 amino acid extracellular domain with two fibronectin type-III domains; a 24 amino acid transmembrane region; and a 279 amino acid intracellular domain. IL20RA is widely expressed with highest levels found in skin and testis and high levels in brain. IL20RA forms a heterodimer with IL20RB; and the complex serves as a receptor for IL19; IL20 and IL24. IL20RA also forms a heterodimer with the unique and specific receptor IL10RB and functions as the receptor for IL26.

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