

## 32-7542: Recombinant Human IL-20 Receptor Subunit $\alpha$ /IL20RA (C-6His)(Discontinued)

**Gene :** IL20RA  
**Gene ID :** 53832  
**Uniprot ID :** Q9UHF4

### Description

Source: Human Cells.  
MW :26.3kD.

Recombinant Human IL-20 Receptor  $\alpha$  is produced by our Mammalian expression system and the target gene encoding Val30-Lys250 is expressed with a 6His tag at the C-terminus. Interleukin-20 Receptor Subunit  $\alpha$  (IL20RA) is a single-pass type I membrane protein that is a member of the type II cytokine receptor family. IL20RA is synthesized 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.

### Product Info

**Amount :** 10  $\mu$ g / 50  $\mu$ g  
**Content :** Lyophilized from a 0.2  $\mu$ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** VPCVSGGLPKPANITFLSINMKNVLQWTPPEGLQGKVKVTYTVQYFIYGQKKWLNKSECRNINRTYC  
DLSAETSDYEHQYYAKVKAIWGTKCSKWAESGRFYPFLETQIGPPEVALTTDEKSSISVVLTAPEKW  
KRNPECLPVSMQQIYSNLKYNVSVLNTKSNRTWSQCVTNHTLVLTWLEPNTLYCVHVESFVPGPP  
RRAQPSEKQCARTLKDQSSEFKAKVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu$ g/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.