

## 32-20436: Recombinant Human IL-20(Discontinued)

**Reactivity :** Human

**Alternative Name :** Interleukin-20, Cytokine ZCYTO10

### Description

**Source:** **E.coli** IL-20 is a member of the IL-10 family of regulatory cytokines, which includes IL-10, IL-19, IL-20, IL-22, IL-24 and IL-26. Members of this family share partial homology in their amino acid sequences, but they are dissimilar in their biological functions. IL-20 is a hematopoietic growth factor capable of stimulating colony formation by CD34+ multipotential progenitors, but not by other progenitor cells. IL-20 signals through a receptor system composed of type I IL-20RAlpha and type II IL-20RBeta . Over-expression of IL-20 in keratinocytes expressing both receptor subunits has been implicated in the induction of inflammatory skin disease. Recombinant Human IL-20 is a 35.2 kDa homodimeric protein consisting of two 153 amino acid polypeptide chains.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** MLKTLNLGSC VIATNLQEIR NGFSEIRGSV QAKDGNIDIR ILRRTESLQD TKPANRCCLL RHLLRLYLDR  
VFKNYQTPDH YTLRKISSLA NSFLTIKKDL RLCHAHMTCH CGEEAMKKYS QILSHFEKLE PQAQAVVKALG  
ELDILLQWME ETE

### Application Note

Determined by its ability to activate STAT following receptor ligand interaction.