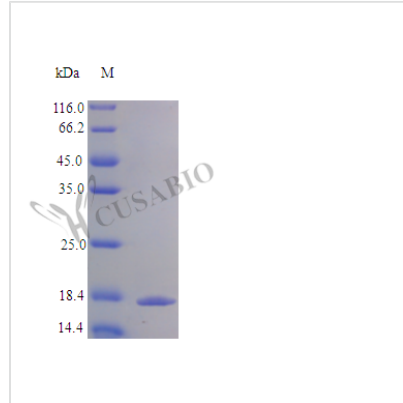




Recombinant Human Interleukin-20 protein (IL20) (Active)

Product Code	CSB-AP001871HU
Abbreviation	Recombinant Human IL20 protein (Active)
Uniprot No.	Q9NYY1
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.2, with trehalose
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human IL-20Rα and human IL-20Rβ co-transfected murine BaF3 pro-B cells is less than 0.5 ng/ml, corresponding to a specific activity of >2.0x10 ⁶ IU/mg.
Purity	≥95% as determined by SDS-PAGE.
Sequence	M+LKTLNLGSC VIATNLQEIR NGFSEIRGSV QAKDGNIDIR ILRRTESLQD TKPANRCCLL RHLLRLYLDR VFKNYQTPDH YTLRKISSLA NSFLTIKKDL RLCHAHMTCH CGEEAMKKYS QILSHFEKLE PQAAVVKALG ELDILLQWME ETE
Research Area	Immunology
Source	E.coli
Target Names	IL20
Expression Region	25-176aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	17.6 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	11163236; 16511554; 12975309; 16710414; 15489334; 15340161; 16908179; 16709143; 22802649

Image


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.