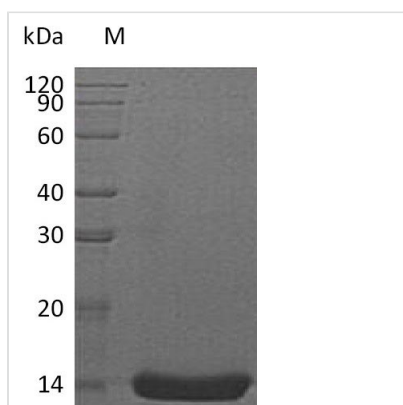




Recombinant Human Interleukin-22 (IL22) (Active)

Product Code	CSB-AP004361HU
Abbreviation	Recombinant Human IL22 protein, partial (Active)
Uniprot No.	Q9GZX6
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered 20mM Histidine-HCl, 6% Sucrose, 4% Mannitol, 0.05% Tween 80, pH 5.5.
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human IL-22 (E. Coli) at 2μg/ml can bind Recombinant Human IL-22RA2 (C-Fc), the ED50 of Recombinant Human IL-22RA2 (C-Fc) is 34.43 ng/ml.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	APISSHCRLDKSNFQQPYITNRTFMLAKEASLADNNTDVRLLIGEKLFGVSMSE RCYLMKQVLNFTLEEVLPQSDRFQPYMQEVVPFLARLSNRLSTCHIEGDDLH IQRNVQKLKDTVKKLGESEGEIKAIGELDLLFMSLRNACI
Research Area	Immunology
Source	E.coli
Target Names	IL22
Expression Region	34-179aa
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	16.9 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.