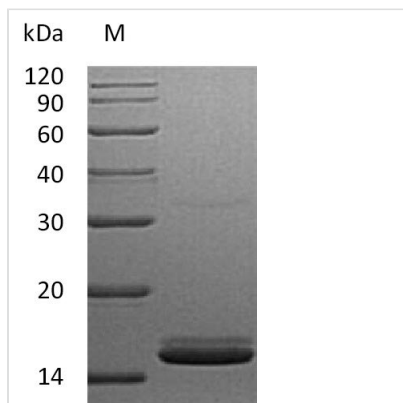




Recombinant Human Interleukin-36 receptor antagonist protein (IL36RN) (Active)

Product Code	CSB-AP004411HU
Uniprot No.	Q9UBH0
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μ m filtered 20 mM Tris-HCl, 150 mM NaCl, pH 7.5
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined by its ability to inhibit IL-36 alpha, IL-36 beta or IL-36 gamma -induced IL-8 secretion in A431 human epithelial carcinoma cells is less than 500 ng/ml in the presence of 10 ng/mL of recombinant human IL-36 beta.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEEISVVPNRWLDAS LSPVILGVQGGGSQLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMG LTSSFESAAYPGWFLCTVPEADQPVRTQLPENGGWNAPITDFYFQQCD
Research Area	Immunology
Source	E.coli
Target Names	IL36RN
Expression Region	1-155aa
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

Image



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

Endotoxin

Less than 1.0 EU/ μ g 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.