

Recombinant Rat Il22 Protein, His-tagged

Cat. No. II22-1673R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il22 Protein (Leu34-Val179) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Leu34-Val179
Description	Involved in response to glucocorticoid. Located in extracellular space. Used to study asthma and myocarditis. Orthologous to human IL22 (interleukin 22).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.3 kDa Accurate Molecular Mass: 20 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

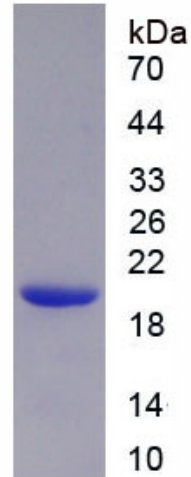
GENE INFORMATION

Gene Name	IL22 interleukin 22 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	IL22
Synonyms	IL22; interleukin 22; interleukin-22; RGD1561292;
Gene ID	500836
mRNA Refseq	NM_001191988
Protein Refseq	NP_001178917
UniProt ID	G3V6X6

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