

Recombinant Guinea pig II2 Protein, His-tagged

Cat. No. II2-1024G Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Guinea pig II2 Protein (Ala21-Thr152) with His tag was expressed in E. coli. |
| Species | Guinea pig |
| Source | E.coli |
| ProteinLength | Ala21-Thr152 |
| Description | Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 18.8 kDa; Accurate Molecular Mass: 18 kDa |
| Purity | > 90% |
| 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

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|-----------------------|--|
| 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 | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Reconstitution | Reconstitute in PBS or others. |

GENE INFORMATION

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| Gene Name | IL2 interleukin 2 [<i>Cavia porcellus</i> (domestic guinea pig)] |
| Official Symbol | IL2 |
| Synonyms | IL2; interleukin 2; interleukin-2; |
| Gene ID | 100379540 |
| mRNA Refseq | NM_001172837 |
| Protein Refseq | NP_001166308 |
| UniProt ID | O88210 |

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