

Datasheet for ABIN7274875  
**IL-11 Protein (AA 22-199) (His tag)**[Go to Product page](#)

## 2 Images

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 100 µg                                       |
| Target:                       | IL-11 (IL11)                                 |
| Protein Characteristics:      | AA 22-199                                    |
| Origin:                       | Cynomolgus                                   |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This IL-11 protein is labelled with His tag. |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Cynomolgus IL-11 Protein  |
| Sequence:        | Pro22-Leu199  |
| Characteristics: | Recombinant Cynomolgus IL-11 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Pro22-Leu199. |
| Purity:          | > 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC   |
| Sterility:       | 0.22 µm filtered  |
| Endotoxin Level: | Less than 1EU per µg by the LAL method.   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | IL-11 (IL11)                            |
| Alternative Name: | IL-11 ( <a href="#">IL11 Products</a> ) |

## Target Details

|                   |   |
|-------------------|---|
| Background:       | Abstract Interleukin-11 (IL-11) is a pleiotropic cytokine that belongs to gp130 family. IL-11 and its receptor, IL-11Ra, are expressed in human cancers, human cancer cells expressed a functional IL-11Ra subunit, which triggered signal transduction either by exogenous recombinant human IL-11 or by autocrine production of IL-11 in cells cultured under hypoxic conditions. |
| Molecular Weight: | 20.48 kDa. Due to glycosylation, the protein migrates to 21-25 kDa based on Tris-Bis PAGE result.   |
| UniProt:          | <a href="#">P20808</a>  |
| Pathways:         | <a href="#">JAK-STAT Signaling</a> , <a href="#">Negative Regulation of Hormone Secretion</a>   |

## Application Details

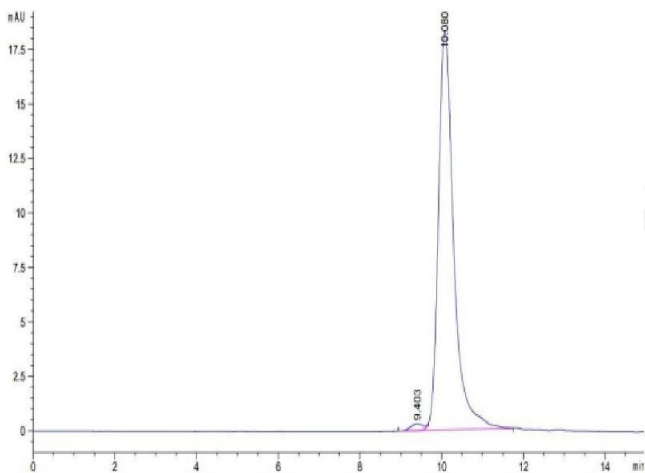
|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Reconstitution:  | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.  |
| Buffer:          | Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.  |
| Storage:         | -20 °C, -80 °C  |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date:     | 12 months   |

Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 1.** The purity of Cynomolgus IL-11 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

**Image 2.** Cynomolgus IL-11 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

