

## Interleukin 27 (IL27) Protein | IL27 protein

Eukaryotic Interleukin 27 (IL27)

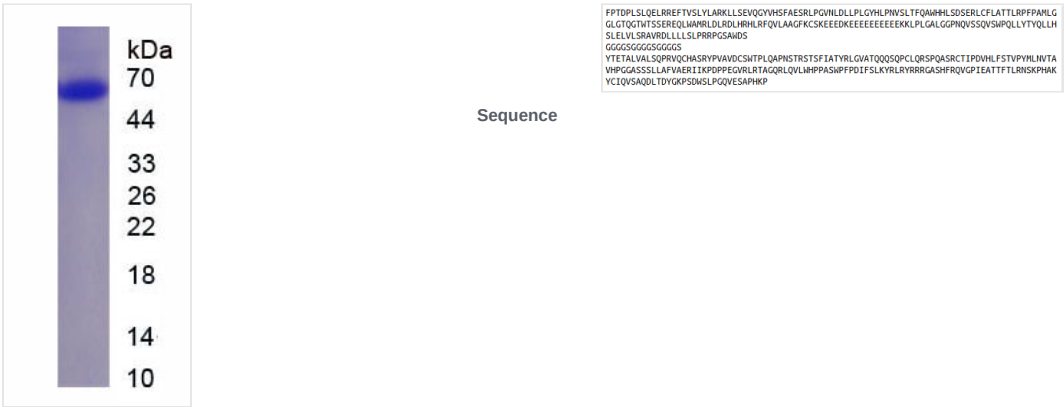
|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA150645</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Interleukin 27 (IL27); Eukaryotic Interleukin 27 (IL27); Interleukin 27; IL-27; IL27 protein

### PRODUCT SPECIFICATIONS

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                     | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification                      | >90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                              | Freeze-dried powder<br>20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                             |
| Sequence                                 | Phe29~Ser2 34+GGGGS*3 +Tyr19~Pro 228                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for IL27 protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                               |
| Source                                   | Eukaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                                  | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tag                                      | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Endotoxin                                | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isoelectric Point                        | 8.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Subcellular Location                     | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage                                    | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                  | Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles.<br>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 degree C 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. |



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                            |                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------|
| Product Categories/Family for IL27 protein | Cytokine; Infection immunity; Immune molecule; Eukaryotic proteins/EP |
|--------------------------------------------|-----------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| Molecular Weight | Predicted Molecular Mass: 49.6kDa<br>Accurate Molecular Mass: 60kDa |
|------------------|---------------------------------------------------------------------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-protein/interleukin-27-il27/150645>