

## Interleukin 3 (IL3) Active Protein | IL3 active protein

Active Interleukin 3 (IL3)

|                               |                          |                                                     |
|-------------------------------|--------------------------|-----------------------------------------------------|
| CATALOG #<br><b>AAA152968</b> | HOST<br><b>293F Cell</b> | APPLICATIONS<br><b>Activity Assay, Cell Culture</b> |
|-------------------------------|--------------------------|-----------------------------------------------------|

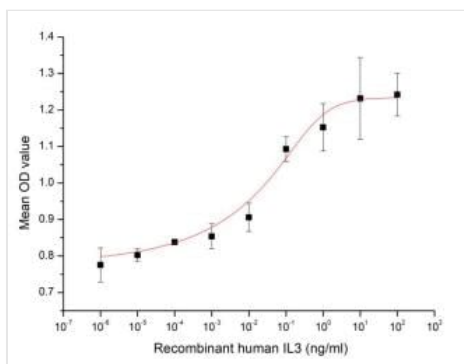
### PRODUCT SYNONYMS

Interleukin 3 (IL3); Active Interleukin 3 (IL3); Interleukin 3; IL3 active protein (eukaryotic; 293F Cell); Human; MCGF; MULTI-CSF; MCSF; M-CSF; Multiple; Multilineage-Colony-Stimulating Factor; Hematopoietic Growth Factor; P-Cell Stimulating Factor; Mast-Cell Growth Factor; IL3 active protein

### PRODUCT SPECIFICATIONS

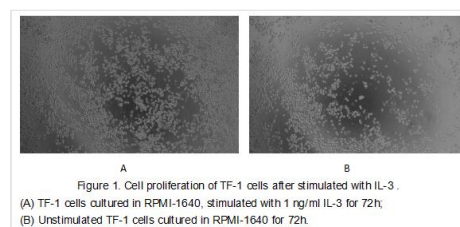
|                                                |                                                                                                              |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                           | 293F Cell                                                                                                    |
| Purity/Purification                            | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                    | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                             | Ala20~Phe152                                                                                                 |
| Applicable Applications for IL3 active protein | Activity Assay, Cell Culture                                                                                 |
| Expression System                              | Eukaryotic expression                                                                                        |
| Species                                        | Human                                                                                                        |
| Tag                                            | N-terminal His                                                                                               |
| Endotoxin Level                                | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                              | 7.5                                                                                                          |
| Research Area                                  | Cytokine                                                                                                     |
| Preparation and Storage                        | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES



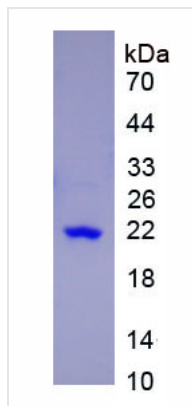
#### Bioactivity

Figure 2. The dose-effect curve of IL-3 on TF-1 cells



#### Bioactivity

Interleukin 3 is an interleukin, a type of biological signal that can improve the body's natural response to disease as part of the immune system. It acts by binding to the interleukin 3 receptor IL-3 synergizes with other cytokines to stimulate the growth



SDS-PAGE  
Figure. SDS-PAGE

### ADDITIONAL INFORMATION

|                                                  |                 |
|--------------------------------------------------|-----------------|
| Product Categories/Family for IL3 active protein | Active proteins |
|--------------------------------------------------|-----------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 3002475                                                                                                                                                                                                                              |
| NCBI GeneID                      | 3562                                                                                                                                                                                                                                 |
| UniProt Accession #              | P08700; Q6GS87                                                                                                                                                                                                                       |
| Molecular Weight                 | 17,233 Da                                                                                                                                                                                                                            |
| NCBI Official Full Name          | IL-3                                                                                                                                                                                                                                 |
| NCBI Official Synonym Full Names | interleukin 3 (colony-stimulating factor, multiple)                                                                                                                                                                                  |
| NCBI Official Symbol             | IL3                                                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | IL-3; MCGF; MULTI-CSF                                                                                                                                                                                                                |
| NCBI Protein Information         | interleukin-3; mast cell growth factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; hematopoietic growth factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor |
| UniProt Protein Name             | Interleukin-3                                                                                                                                                                                                                        |
| UniProt Gene Name                | <b>IL3</b>                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | IL-3; MCGF                                                                                                                                                                                                                           |
| UniProt Entry Name               | IL3_HUMAN                                                                                                                                                                                                                            |

**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/293f-cell-active-protein/interleukin-3-il3/152968>