

## IL-3 active protein

Human IL-3

|                              |                       |                            |
|------------------------------|-----------------------|----------------------------|
| CATALOG #<br><b>AAA79188</b> | HOST<br><b>E Coli</b> | REACTIVITY<br><b>Human</b> |
|------------------------------|-----------------------|----------------------------|

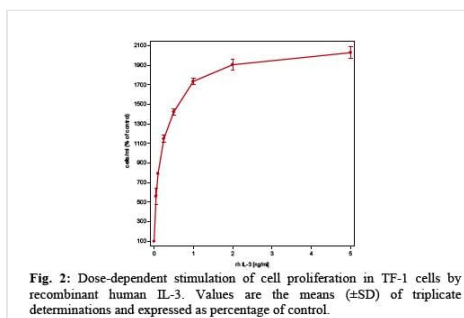
### PRODUCT SYNONYMS

IL-3; Human IL-3; Recombinant Human Interleukin-3; Hemapoietic growth factor; Mast cell growth factor; P-cell-stimulating factor; IL-3 active protein

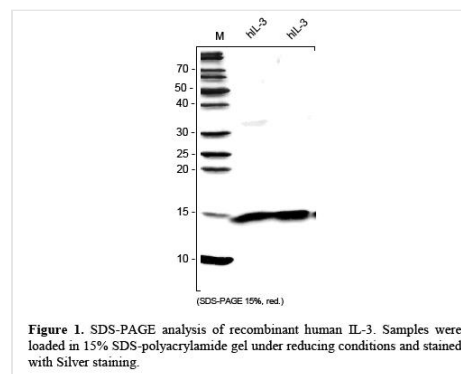
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli                                                                                                                                                                        |
| Reactivity              | Human                                                                                                                                                                         |
| Purity/Purification     | > 98% by SDS-PAGE & silver stain                                                                                                                                              |
| Form/Format             | Lyophilized                                                                                                                                                                   |
| Sequence                | N-Terminal Sequence:M APMTQT                                                                                                                                                  |
| Sequence Length         | 134                                                                                                                                                                           |
| Endotoxin Level         | < 0.1ng per ug (IEU/ug) of rh IL-3                                                                                                                                            |
| Buffer                  | PBS                                                                                                                                                                           |
| Preparation and Storage | The lyophilized IL-3, though stable at room temperature, is best stored desiccated below 0 degree C. Reconstituted IL-3 should be stored in working aliquots at -20 degree C. |

### IMAGES



Application Data



Application Data

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL-3 active protein | IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine activated killer cells, monocytes, macrophages and oligodendrocytes. |
| Product Categories/Family for IL-3 active protein   | Cytokines & Growth Factors                                                                                                                       |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | 1. Ma, A. et al. (2006) Annu. Rev. Immunol. 24:657. 2. Gaffen, S.L. and K.D. Liu (2004) Cytokine 28:109. 3. Taniguchi, T. et al. (1983) Nature 302:305. 4. Mosmann, T.R. et al. (1987) J. Immunol. 138:1813. 5. Liparoto, S.F. et al. (2002) Biochemistry 41:2543. 6. Wang, X. et al. (2005) Science 310:1159. 7. Bodnar, A. et al. (2008) Immunol. Lett. 116:117. 8. Jaleco, S. et al. (2003) J. Immunol. 171:61. 9. Malek, T.R. (2003) J. Leukoc. Biol. 74:961. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 28416915                                                                                                                                                                                                                             |
| NCBI GeneID                      | 3562                                                                                                                                                                                                                                 |
| NCBI Accession #                 | NP_000579                                                                                                                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_000588                                                                                                                                                                                                                            |
| UniProt Accession #              | P08700; Q6GS87                                                                                                                                                                                                                       |
| Molecular Weight                 | 15.0 kDa                                                                                                                                                                                                                             |
| NCBI Official Full Name          | interleukin-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                | IL3                                                                                                                                                                                                                                  |
| 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.