

## Interleukin 34 (IL34) Active Protein | IL34 active protein

Active Interleukin 34 (IL34)

|                               |                       |                                                     |
|-------------------------------|-----------------------|-----------------------------------------------------|
| CATALOG #<br><b>AAA153108</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Activity Assay, Cell Culture</b> |
|-------------------------------|-----------------------|-----------------------------------------------------|

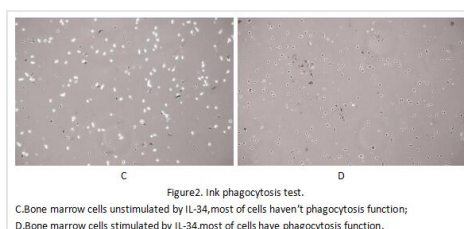
### PRODUCT SYNONYMS

Interleukin 34 (IL34); Active Interleukin 34 (IL34); Interleukin 34; IL34 active protein (prokaryotic); Mouse; C16orf77; IL34 active protein

### PRODUCT SPECIFICATIONS

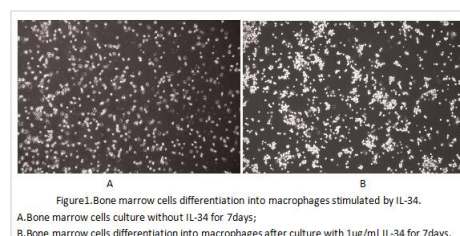
|                                                 |                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                            | E coli                                                                                                       |
| Purity/Purification                             | Greater than 95% by SDS-PAGE                                                                                 |
| Form/Format                                     | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                              | Asn21~Pro235                                                                                                 |
| Applicable Applications for IL34 active protein | Activity Assay, Cell Culture                                                                                 |
| Expression System                               | Prokaryotic expression                                                                                       |
| Species                                         | Mouse                                                                                                        |
| Tag                                             | N-terminal His                                                                                               |
| Endotoxin Level                                 | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                               | 7.7                                                                                                          |
| 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



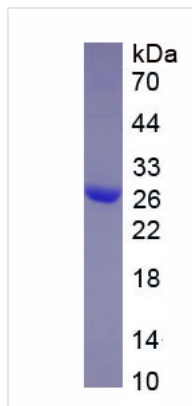
#### Bioactivity

Figure 2. Ink phagocytosis test.



#### Bioactivity

Interleukin 34 (IL-34) is a protein belonging to a group of cytokines called interleukins. IL-34 increases growth or survival of immune cells known as monocytes; it elicits its activity by binding the Colony stimulating factor 1 receptor. To explore the e



SDS-PAGE  
Figure. SDS-PAGE

### ADDITIONAL INFORMATION

|                                                   |                 |
|---------------------------------------------------|-----------------|
| Product Categories/Family for IL34 active protein | Active proteins |
|---------------------------------------------------|-----------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 205360952                      |
| NCBI GeneID                      | 76527                          |
| NCBI Accession #                 | NP_001128572.1                 |
| NCBI GenBank Nucleotide #        | NM_001135100.2                 |
| UniProt Accession #              | Q8R1R4; Q9D8F2; B2ZC71; B2ZC72 |
| Molecular Weight                 | 26,636 Da                      |
| NCBI Official Full Name          | interleukin-34 isoform 1       |
| NCBI Official Synonym Full Names | interleukin 34                 |
| NCBI Official Symbol             | IL34                           |
| NCBI Official Synonym Symbols    | AI593503; 2010004A03Rik        |
| NCBI Protein Information         | interleukin-34                 |
| UniProt Protein Name             | Interleukin-34                 |
| UniProt Gene Name                | IL34                           |
| UniProt Synonym Gene Names       | IL-34                          |
| UniProt Entry Name               | IL34_MOUSE                     |

**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.