

## Recombinant Ferret IL6 Protein, Met1-Ile174, C-His tagged

**Cat. No.** IL6-013F    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Recombinant Ferret IL6 Protein (Met1-Ile174) with C-His tag was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Ferret                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Met1-Ile174                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | Interleukin 6 (IL-6) is a soluble cytokine that can effect inflammation, immune response, and hematopoiesis. IL-6 signals through IL-6R, which can occur as a transmembrane or a soluble receptor that is found in serum. IL-6 is generated immediately following environmental stresses such as infections and tissue injuries. Dysregulation of IL-6, which can lead to over production, may contribute to chronic inflammation and autoimmunity. |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 25.5 kDa<br>SDS-PAGE: 33.6 kDa                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 95% as analyzed by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | ELISA and Western Blot Analysis                                                                                                                                                                                                                                                                                                                                                                                                                     |

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | For Research Use Only.                                                                                                                                                    |
| <b>Storage</b>          | 2 years at -20 to -80 centigrade as supplied.<br>1 month at 4 centigrade after reconstitution with preservative.<br>1 year at -20 to -80 centigrade after reconstitution. |
| <b>Storage Buffer</b>   | Lyophilized from 1×PBS with Trelahose                                                                                                                                     |
| <b>Shipping</b>         | Ambient                                                                                                                                                                   |
| <b>Reconstitution</b>   | Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% protein                                                                                                  |
| <b>GENE INFORMATION</b> |                                                                                                                                                                           |
| <b>Gene Name</b>        | IL6 interleukin 6 [ <i>Mustela putorius furo</i> (domestic ferret) ]                                                                                                      |
| <b>Official Symbol</b>  | IL6                                                                                                                                                                       |
| <b>Synonyms</b>         | IL6; interleukin 6; HGF; BSF2; IL-6; IFNB2; interleukin-6; interleukin 6 (interferon, beta 2)                                                                             |
| <b>Gene ID</b>          | 101671465                                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_001310169                                                                                                                                                              |
| <b>Protein Refseq</b>   | NP_001297098                                                                                                                                                              |
| <b>UniProt ID</b>       | A3FBE9                                                                                                                                                                    |

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