

## Recombinant Ferret IL12B Protein, Met1-Ser329, C-His tagged

Cat. No. IL12B-014F    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Ferret IL12B Protein (Met1-Ser329) with C-His tag was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Ferret                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | Met1-Ser329                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Interleukin 12 p40 subunit (IL-12p40) is a component of the bioactive cytokines IL-12 and IL-23. Existing in either a monomeric or homodimeric form it is induced in excess of the other subunits of IL-12 and IL-23. Most known for providing negative feedback by competing for the IL-12 receptor it also functions as a chemoattractant for macrophages and is associated with several pathogenic inflammatory responses. |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 39.1 kDa<br>SDS-PAGE: 41.7 kDa                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 99% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications</b>     | ELISA and Western Blot Analysis                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>            | For Research Use Only.                                                                                                                                                                                                                                                                                                                                                                                                        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

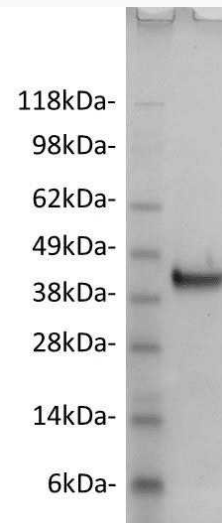
|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>        | IL12B interleukin 12B [ <i>Mustela putorius furo</i> (domestic ferret) ]                                                                                                                                          |
| <b>Official Symbol</b>  | IL12B                                                                                                                                                                                                             |
| <b>Synonyms</b>         | IL12B; interleukin 12B; IL-12; IL12p40; interleukin-12 subunit beta; interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40); interleukin 12p40; interleukin-12 |
| <b>Gene ID</b>          | 101676232                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>      | XM_004737709                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | XP_004737766                                                                                                                                                                                                      |
| <b>UniProt ID</b>       | A0A8U0MDC4                                                                                                                                                                                                        |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Ferret IL-12p40 (2  
μg) on a Coomassie  
stained 4-12% SDS-  
PAGE gel, reducing  
conditions.**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA