

## Recombinant Full Length Human IL3 Protein, GST-tagged

Cat. No. IL3-5760HF Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Human IL3 full-length ORF ( AAH69472.1, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | In Vitro Cell Free System  |
| <b>ProteinLength</b>    | 152 amino acids  |
| <b>Description</b>      | The protein encoded by this gene is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders. [provided by RefSeq] |
| <b>Molecular Mass</b>   | 43.6 kDa   |
| <b>AA Sequence</b>      | MSRLPVLLLLQLLVRPGLQAPMTQTTPLKTSWVNCSNMIDEIITHLKQPPLPLLDFFNN<br>LNGEDQDILMENNLRPNLEAFNRAVKSLQNASAIESILKNLLPCLPLATAAPTRHPIH<br>IKDGDWNEFRRKLTFFYLKTLENAQAQQTTLSLAIF  |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array  |

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| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.   |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.   |
| <b>GENE INFORMATION</b> |  |
| <b>Gene Name</b>        | IL3 interleukin 3 (colony-stimulating factor, multiple) [ Homo sapiens ]   |
| <b>Official Symbol</b>  | IL3  |
| <b>Synonyms</b>         | IL3; interleukin 3 (colony-stimulating factor, multiple); interleukin-3; hematopoietic growth factor; IL 3; mast cell growth factor; MCGF; MGC79398; MGC79399; MULTI CSF; multilineage colony stimulating factor; P cell stimulating factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor; IL-3; MULTI-CSF; |
| <b>Gene ID</b>          | 3562   |
| <b>mRNA Refseq</b>      | NM_000588  |
| <b>Protein Refseq</b>   | NP_000579  |
| <b>MIM</b>              | 147740   |
| <b>UniProt ID</b>       | P08700   |

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