

Product datasheet for TP723746

II3 (NM_010556) Mouse Recombinant Protein

Product data:

OriGene Technologies, Inc.

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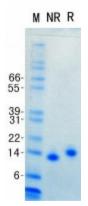
| Product Type: | Recombinant Proteins |
|--|---|
| Description: | Purified recombinant protein of Mouse interleukin 3 (II3) |
| Species: | Mouse |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Mouse IL-3, the region of Ala 27 - Cys 166, from gene Accession# NM_010556 |
| Tag: | Tag Free |
| Predicted MW: | 15.7 kDa |
| Concentration: | lot specific |
| Purity: | >98%, as determined by Coomassie stained SDS-PAGE. |
| Buffer: | 10 mM NaHPO4 pH 7.2, 0.15M NaCl |
| Bioactivity: | The ED50 is 0.05 - 0.200 ng/ml, corresponding to a specific activity of 0.5-2.0 x 10^7 units/mg, determined by the dose dependent stimulation of a M-NFS-60 cell proliferation assay. |
| Endotoxin: | Less than 0.01 ng per μ g protein as determined by the LAL method |
| Storage: | Store at -80°C. |
| Stability: | Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles. |
| RefSeq: | <u>NP 034686</u> |
| Locus ID: | 16187 |
| UniProt ID: | <u>P01586, Q5SX77</u> |
| RefSeq Size: | 849 |
| Cytogenetics: | 11 32.13 cM |
| RefSeq ORF: | 501 |
| Synonyms: | BPA; Csfmu; HCGF; II-3; MCGF; PSF |



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Summary:Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis
by controlling the production, differentiation, and function of 2 related white cell populations
of the blood, the granulocytes and the monocytes-macrophages.[UniProtKB/Swiss-Prot
Function]

Product images:



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