

## Product datasheet for **TP720598M**

### IL13 (NM\_008355) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse interleukin 13 (IL13)   |
| Species:                              | Mouse   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | Pro22-Phe131  |
| Tag:                                  | Tag Free  |
| Predicted MW:                         | 12.2 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >95% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl   |
| Endotoxin:                            | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)   |
| Reconstitution Method:                | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for at least 6 months from date of receipt under proper storage and handling conditions.   |
| RefSeq:                               | <a href="#">NP_032381</a>   |
| Locus ID:                             | 16163   |
| UniProt ID:                           | <a href="#">P20109</a>  |
| RefSeq Size:                          | 1217  |
| Cytogenetics:                         | 11 31.98 cM   |
| RefSeq ORF:                           | 393   |
| Synonyms:                             | IL-13   |



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**Summary:**

Cytokine. Inhibits inflammatory cytokine production. Synergizes with IL2 in regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses (By similarity). Positively regulates IL31RA expression in macrophages (PubMed:25847241).[UniProtKB/Swiss-Prot Function]