

## Recombinant Human C-Reactive Protein /CRP Protein, His tag

### Specifications

|         |                                   |
|---------|-----------------------------------|
| Cat NO. | 94210ES25 / 94210ES60 / 94210ES76 |
| Size    | 25 µg / 100 µg / 500 µg           |

### Product Properties

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms         | C-reactive protein; CRP; PTX1; MGC88244; pentraxin 1; PTX1MGC149895                                                                                               |
| Species          | Human                                                                                                                                                             |
| Source           | HEK293                                                                                                                                                            |
| Sequence         | Gln19-Pro224                                                                                                                                                      |
| Accession        | Accession   NP_000558.2.                                                                                                                                          |
| Tag              | C-His                                                                                                                                                             |
| Molecular Weight | The protein has a predicted MW of 24.14 kDa. Due to glycosylation, the protein migrates to 25-27 kDa based on Bis-Tris PAGE result.                               |
| Endotoxin        | Less than 1EU per µg by the LAL method.                                                                                                                           |
| Purity           | > 95% as determined by Bis-Tris PAGE and HPLC                                                                                                                     |
| Formulation      | Lyophilized from 0.22 µm filtered solution in 20 mM Tris, 300 mM NaCl (pH 8.0). Normally 8% trehalose / 8% mannitol is added as protectant before lyophilization. |
| Appearance       | Lyophilized powder                                                                                                                                                |

### Storage

Store at -25 ~ -15 °C. The product is stable for 1 year upon receipt. After reconstitution, store at 2 ~ 8 °C for up to 7 days. After reconstitution, store at -85 ~ -65 °C for 3-6 months.

### Reconstitution Instructions

Briefly centrifuge before opening. Reconstitute the lyophilized protein with distilled water to a concentration exceeding 100 µg/mL. For the first use, we recommend aliquoting the protein into single-use portions to avoid repeated freeze-thaw cycles.

### Notes

1. For your safety and health, wear a lab coat and disposable gloves when handling this product.
2. This product is intended for research use only.