

Product datasheet for **TP723926**

IL3RA Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Human CD123 Protein, hFc-His Tag |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | CD123-Thr19-Arg305+hFc-Glu99-Ala330+6×His tag |
| Tag: | C-Human Fc and 6×His |
| Predicted MW: | 80-90 kDa |
| Purity: | > 95% |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization |
| Reconstitution Method: | Reconstitute with deionized water |
| Preparation: | Affinity purification |
| Applications: | ELISA |
| Storage: | Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 3563 |
| UniProt ID: | P26951 |
| Summary: | Interleukin 3 receptor alpha (low affinity) (IL3RA), also known as CD123 (Cluster of Differentiation 123) is a 70-kD glycoprotein member of the hematopoietin receptor superfamily. This protein associates with a beta subunit common to the receptors for IL-5 and granulocyte-macrophage colony-stimulating factor (GM-CSF) to form a high-affinity receptor for IL-3. The interleukin-3 receptor α chain (CD123) has been identified as a potential immunotherapeutic target because it is overexpressed in AML compared with normal hematopoietic stem cells |



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Product images:

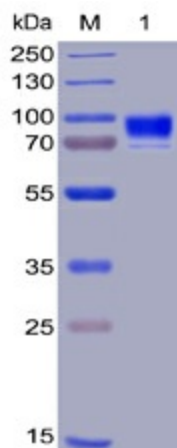


Figure 1. Human CD123, hFc-His Tag on SDS-PAGE under reducing condition.