Ver.EN20250805

Biotinylated Human IL-3 R alpha/CD123 Protein, His-Avi Tag

Specifications

Cat NO.	93156ES25 / 93156ES60 / 93156ES76
Size	25 μg / 100 μg / 500 μg

Product Properties

Synonyms	CD123; IL-3R subunit alpha; IL3R; IL3RA; IL-3Ra; IL3RAY; IL3RX; IL3RY; MGC34174; IL-3R alpha
Species	Human
Source	HEK293
Sequence	Thr19-Arg305
Accession	Accession | P26951-1.
Tag	C-His-Avi
Molecular Weight	The protein has a predicted MW of 35.99 kDa. Due to glycosylation, the protein migrates to 55-65 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
Activity	ELISA Data: Immobilized Anti-IL-3 R alpha Antibody, hFc Tag at 0.5 μg/mL (100 μL/well) on the plate. Dose response curve for Biotinylated Human IL-3 R alpha, His Tag with the EC50 of 9.9 ng/mL determined by ELISA.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose 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.