Datasheet for ABIN7491125

CD25 Protein (AA 22-236) (Fc Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	CD25 (IL2RA)
Protein Characteristics:	AA 22-236
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD25 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant mouse IL2RA protein with C-terminal human Fc tag
Specificity:	Mouse IL2RA (Glu22-Lys236) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD25 (IL2RA)
Alternative Name:	IL2RA (IL2RA Products)
Background:	Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by

Target Details

	controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.[UniProtKB/Swiss-Prot Function]
Molecular Weight:	predicted molecular mass of 50.8 kDa after removal of the signal peptide. The apparent molecular mass of mIL2RA-hFc is 70-100 kDa due to glycosylation.
UniProt:	P01590
Pathways:	JAK-STAT Signaling, Growth Factor Binding, Activated T Cell Proliferation

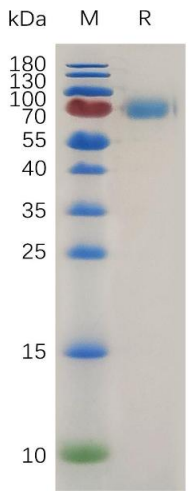
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Mouse IL2RA Protein, hFc Tag on SDS-PAGE under reducing condition.