

Datasheet for ABIN7607590

CD25 Protein (AA 22-236) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CD25 (IL2RA)
Protein Characteristics:	AA 22-236
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD25 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CD25/IL2RA Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit the IL-2-dependent proliferation of human megakaryocytic leukemic cells (MO7e). The ED50 for this effect is 0.045-0.3 µg/mL in the presence of 30 ng/mL of recombinant human IL-2.

Target Details

Target:	CD25 (IL2RA)
---------	--------------

Target Details

Alternative Name:	Interleukin-2 receptor subunit alpha (IL2RA Products)
Background:	Interleukin-2 receptor subunit alpha, IL-2 receptor subunit alpha, IL-2-RA, IL-2R subunit alpha, IL2-RA, TAC antigen, p55, CD25, IL2RA
UniProt:	Q544I2
Pathways:	JAK-STAT Signaling , Growth Factor Binding , Activated T Cell Proliferation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months