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Datasheet for ABIN4371488
CD25 Protein (AA 22-236) (Fc Tag)

Overview

Quantity:	50 µg
Target:	CD25 (IL2RA)
Protein Characteristics:	AA 22-236
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD25 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse IL-2 Receptor Subunit α/IL-2RA/CD25 (C-Fc)
Sequence:	ELCLYDPPEV PNATFKALSY KNGTILNCEC KRGFRLKEL VYMRCLGNSW SSNCQCTSNS HDKSRKQVTA QLEHQKEQQT TTDMMQKPTQS MHQENLTGHC REPPPWKHED SKRIYHFVEG QSVHYECIPG YKALQRGPAI SICKMKCGKT GWTQPQLTCV DEREHHRFLA SEESQGSRNS SPESETSCPI TTTDFPQPTTE TTAMTETFVL TMEYKDIEGR MDEPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD KSRWQQGNVF SCSVMHEALTH NHYTQKLSLSL SPGK
Characteristics:	Recombinant Mouse IL-2 Receptor Subunit α/IL-2RA/CD25 (C-Fc)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Product Details

Endotoxin Level: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

Target Details

Target: CD25 (IL2RA)

Alternative Name: IL-2 Receptor Subunit alpha ([IL2RA Products](#))

Molecular Weight: 55.5 kDa

UniProt: [P01590](#)

Pathways: [JAK-STAT Signaling](#), [Growth Factor Binding](#), [Activated T Cell Proliferation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 μg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.