



[Go to Product page](#)

Datasheet for ABIN7318603 CD25 Protein (Fc Tag)

Overview

| | |
|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | CD25 (IL2RA) |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This CD25 protein is labelled with Fc Tag. |

Product Details

| | |
|------------------------------|---|
| Purpose: | Recombinant Human IL2Ra/CD25 Protein (Fc Tag)(Active) |
| Sequence: | Glu22-Cys213 |
| Characteristics: | Recombinant Human Interleukin-2 Receptor subunit alpha is produced by our Mammalian expression system and the target gene encoding Glu22-Cys213 is expressed with a Fc tag at the C-terminus. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |
| Biological Activity Comment: | Immobilized Human IL-2RA-Fc at 10µg/ml(100 µl/well) can bind Human IL-2-His(Cat: PKSH032629). The ED50 of Human IL-2RA-Fc is 0.46 ug/mL |

Target Details

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

Target Details

| | |
|-------------------|--|
| Alternative Name: | IL2Ra/CD25 (IL2RA Products) |
| Background: | <p>Background: Interleukin-2 receptor subunit alpha (IL2RA) is a single-pass type I membrane protein, contains 2 Sushi (CCP/SCR) domains. The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis.</p> <p>Synonym: Interleukin-2 receptor subunit alpha,CD25,p55,TAC antigen,IL2-RA,IL-2R subunit alpha,IL-2-RA,IL-2 receptor subunit alpha, IL-2Ra,IDD10,IL2R,p55,TCGFR</p> |
| Molecular Weight: | 48.9 kDa |
| UniProt: | P01589 |
| Pathways: | JAK-STAT Signaling , Growth Factor Binding , Activated T Cell Proliferation |

Application Details

Restrictions: For Research Use only

Handling

| | |
|------------------|---|
| Format: | Lyophilized |
| Reconstitution: | Please refer to the printed manual for detailed information. |
| Buffer: | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |