CD25 Recombinant Protein

PRODUCT OVERVIEW

Product Name	CD25, Recombinant Protein
Full Product Name	CD25 Recombinant Protein His Tag Lyophilized
Product Gene Name	CD25 recombinant protein
Product Synonym Gene Name	IL2RA
Host	HEK293 cells
Form/Format	This is a Lyophilized protein buffered in PBS, pH7.4
Purity/Purification	>95% as determined by SDS-PAGE.
Preparation and Storage	Lyophilized Protein should be stored at -20 degree C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20 degree C or -70 degree C. Avoid repeated freeze-thaw cycles.
Species	Human
Tag	His
Related Product Information for CD25 recombinant protein	CD25 Recombinant Protein His Tag Lyophilized has been recombinantly produced in HEK293 cells. Interleukin-2 receptor subunit alpha (IL2RA) is also known as IL-2R subunit alpha, IL-2-RA, IL2-RA, TAC antigen, p55, CD antigen CD25, is a type I transmembrane glycoprotein. IL2RA is expressed on activated T cells and regulatory T cells, and is capable of binding IL2 with low affinity by itself. However, a ligand-induced high affinity heterotrimeric receptor complex is produced when IL2RA is associated non-covelently with the IL2 receptor beta and gamma chain, and subsequently initiates the intacellular signal pathways such as MAPK or JAK/STAT. On dendritic cells (DC), CD25 has been previously regarded as an activation marker, while both murine and human DC can express CD25, they do not express the beta-chain of the IL-2 receptor, which is indispensable for the execution of IL-2 signaling. This recombinant protein can be used for WB.
Other Notes	Small volumes of CD25 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD25 purchase	MBS8430740 is a recombinant protein targeting CD25. Also known as CD25 Recombinant Protein His Tag Lyophilized. Host: HEK293 cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD25. It may not necessarily be applicable to this product.

Protein Family	Interleukin-2 receptor
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