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Datasheet for ABIN7319543
IL7R Protein (His tag,Fc Tag)

Overview

Quantity:	50 µg
Target:	IL7R
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL7R protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Human IL7RA/CD127 Protein (Fc & His Tag)
Sequence:	Glu21-Gly236
Characteristics:	Recombinant human IL-7R is produced by our Mammalian expression system and the target gene encoding Glu21-Gly236 is expressed with a Fc, 6His 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.

Target Details

Target:	IL7R
Alternative Name:	IL7RA/CD127 (IL7R Products)
Background:	Background: Interleukin 7 Receptor alpha (IL-7Rα), also known as CD127, is a 75 kDa hematopoietin receptor superfamily member that plays an important role in lymphocyte differentiation, proliferation, and survival. IL-7Rα is majorly expressed on T cells and their

Target Details

precursors, and early in B cell development as well, prior to the appearance of surface IgM. Dynamic regulation of IL-7Ra is important for the generation of appropriate immune responses. Synonym: CD127,CDW127,IL-7R,IL-7R-alpha,IL7RA,ILRA,Interleukin-7 receptor subunit alpha,IL7R

Molecular Weight: 52.8 kDa

UniProt: [P16871](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Regulation of Cell Size](#)

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.