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Datasheet for ABIN7505199
IL7R Protein (AA 21-239) (His tag)

Overview

Quantity:	100 µg
Target:	IL7R
Protein Characteristics:	AA 21-239
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL7R protein is labelled with His tag.

Product Details

Sequence:	Glu 21-Asp 239
Characteristics:	A DNA sequence encoding the Human IL7R/IL-7R/CD127 protein (P16871) (Glu 21-Asp 239) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	IL7R
Alternative Name:	IL7R (IL7R Products)
Background:	Background: Interleukin 7 Receptor alpha (IL-7RA), also known as CD127, is a 75 kDa hematopoietin receptor superfamily member that plays an important role in lymphocyte differentiation, proliferation, and survival. IL-7 receptor alpha (CD127) signaling is essential for T cell development and survival. Synonym: CD127,CDW127,IL-7R,IL-7R-alpha,IL7RA,ILRA,Interleukin-7 receptor subunit

Target Details

alpha,IL7R

Molecular Weight: 23.98 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

Buffer: Lyophilized from sterile 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.

Expiry Date: 12 months