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Datasheet for ABIN7505554
IL7R Protein (AA 21-457) (His tag)

Overview

Quantity:	100 µg
Target:	IL7R
Protein Characteristics:	AA 21-457
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL7R protein is labelled with His tag.

Product Details

Sequence:	Glu 21-Lys 457
Characteristics:	A DNA sequence encoding the rat IL7R/IL-7R/CD127 protein (D4A3X8) (Glu 21-Lys 457) 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 lymphocyte development and survival. Synonym: Interleukin-7 receptor subunit alpha, IL7r,

Target Details

Molecular Weight:	47.96 kDa
UniProt:	D4A3X8
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
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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