

Datasheet for ABIN7320744

IL7R Protein (Fc Tag)**1** Image[Go to Product page](#)

Overview

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

Product Details

Purpose:	Recombinant Mouse IL7RA/CD127 Protein (Fc Tag)(Active)
Sequence:	Glu21-Asp239
Characteristics:	Recombinant Mouse Interleukin-7 receptor subunit alpha is produced by our Mammalian expression system and the target gene encoding Glu21-Asp239 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human IL-7-His(Cat: PKSH032654) at 10µg/ml(100 µl/well) can bind Mouse IL-7RA-Fc.

Target Details

Target:	IL7R
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Target Details

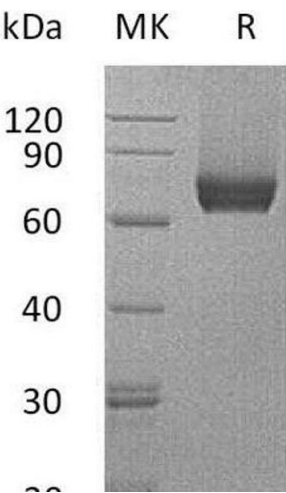
Alternative Name:	IL7RA/CD127 (IL7R Products)
Background:	<p>Background: Interleukin 7 Receptor alpha (IL-7Rα), also known as CD127, is a 75 kDa hematopoietin receptor superfamily member that plays an important role in lymphocyte differentiation, proliferation, and survival. IL-7Rα is majorly expressed on T cells and their precursors, and early in B cell development as well, prior to the appearance of surface IgM. Dynamic regulation of IL-7Rα is important for the generation of appropriate immune responses.</p> <p>Synonym: Interleukin-7 receptor subunit alpha, IL7r, IL-7 receptor subunit alpha, IL-7R subunit alpha, IL-7R-alpha, IL-7RA, CD127,IL-7Ralpha</p>
Molecular Weight:	52.1 kDa
NCBI Accession:	NP_032398
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
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>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.</p>



Western Blotting

Image 1.