

Datasheet for ABIN6388135

IL7R Protein (AA 21-239) (hlgG-His-tag)



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1 Image

Overview

Quantity:	100 µg
Target:	IL7R
Protein Characteristics:	AA 21-239
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL7R protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ESGYAQN GDLEDAELDD YSFSCYSQLE VNGSQHSLTC AFEDPDVNIT NLEFEICGAL VEVKCLNFRK LQEIFYIETK KFLIGKSN I CVKVGESLT CKKIDLTIV KPEAPFDLSV VYREGANDFV VTFNTSHLQK KYVKVLMHDV AYRQEKDENK WTHVNLSSSTK LTLLQRKLQP AAMYEIKVRS IPDHYFKGFW SEWSPSYFR TPEINNSSGE MD
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	IL7R
Alternative Name:	IL-7R alpha/IL7R (IL7R Products)
Background:	IL7R, also known as interleukin-7 receptor, is a hematopoietin receptor superfamily member. It

Target Details

plays important role in lymphocyte differentiation, proliferation, multiple sclerosis, and survival. This protein signaling is essential for T-cell development and regulation of native and memory T-cell homeostasis. Also, it is critically required for the proper development and function of lymphoid cells. Recombinant human IL7R, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 52.5 kDa (461aa)

NCBI Accession: [NP_002176](#)

UniProt: [P16871](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

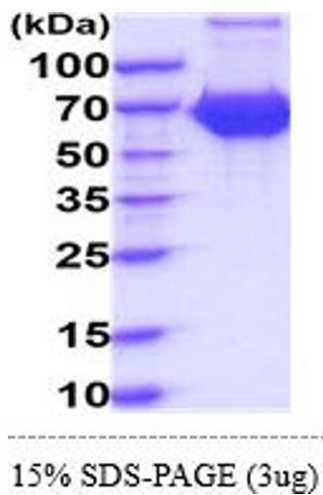
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.