

Datasheet for ABIN5855051

**IL4 Receptor Protein (AA 26-232) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	IL4 Receptor (IL4R)
Protein Characteristics:	AA 26-232
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL4 Receptor protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MKVLQEPTCV SDYMSISTCE WKMNGPTNCS TELRLLYQLV FLLSEAHTCI PENNGGAGCV CHLLMDDVVS ADNYTLDLWA GQQLLWKGSF KPSEHVKPRG PGNLTVHTNV SDTLLLTWSN PYPPDNYLYN HLTAVNIWS ENDPADFRIY NVTYLEPSLR IAASTLKSGI SYRARVRAWA QCYNTTWSEW SPSTKWHNSY REPFEQHLEH HHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

## Target Details

Target:	IL4 Receptor (IL4R)
Alternative Name:	IL4R ( <a href="#">IL4R Products</a> )
Background:	IL4R, also known as interleukin 4 receptor subunit alpha isoform, is a pleiotropic cytokine

## Target Details

---

produced by T lymphocytes. It plays an important role in immune responsiveness by regulating proliferation and differentiation of a variety of lymphoid and myeloid cells via binding to high affinity receptors. It markedly inhibits IL-1 production by highly purified normal human monocytes. It has been demonstrated to affect the growth of different human malignancies including pancreatic cancer cells. It plays an important role in Th2-biased immune responses, alternative macrophage activation, mucosal immunity, allergic inflammation, tumor progression, and atherogenesis. Recombinant human IL4R, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight:	24.7kDa (215aa) 28-40kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_000409</a>
UniProt:	<a href="#">P24394</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

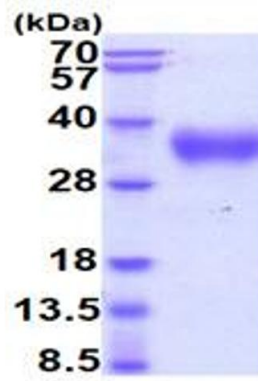
---

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4).
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

### SDS-PAGE

Image 1.