

Datasheet for ABIN5854442  
**CD131 Protein (AA 17-443) (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	CD131 (CSF2RB)
Protein Characteristics:	AA 17-443
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD131 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	WERSLAGAEE TIPLQTLRCY NDYTSHTCR WADTQDAQRL VNVTLIRRVN EDLLEPVSCD LSDDMPWSAC PHPRCVPRRC VIPCQSFVVT DVDYFSFQPD RPLGTRLTVT LTQHVQPPEP RDLQISTDQD HLLTWSVAL GSPQSHWLSP GDLEFEVVYK RLQDSWEDAA ILLSNTSQAT LGPEHLMPSSTYVARVTRL APGSRLSGRP SKWSPEVCWD SQPGDEAQPQ NLECFDGA VLSCSWEVRK EVASSVSFGL FYKPSPDAGE EECSPVLREG LGSLHTRHHC QIPVPDPATH GQYIVSVQPR RAEKHIKSSV NIQMAPP SLN VTKDGD SYSL RWETMKMRYE HIDHTFEIQY RKDTATWKDS KTETLQNAHS MALPALEPST RYWARVRVRT SRTGYNGIWS EWSEARSWDT ESVLPMWLEH HHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

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Target:	CD131 (CSF2RB)
Alternative Name:	Cytokine receptor common subunit beta ( <a href="#">CSF2RB Products</a> )
Background:	CSF2RB, also known as cytokine receptor common subunit beta, is a high affinity receptor for interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor. This unusual form of receptor assembly likely applies also to IL-3 and IL-5 receptors, providing a structural basis for understanding their mechanism of activation and for the development of therapeutics. Recombinant human CSF2RB, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	49.7kDa (435aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_000386</a>
UniProt:	<a href="#">P32927</a>
Pathways:	<a href="#">JAK-STAT Signaling</a>

## Application Details

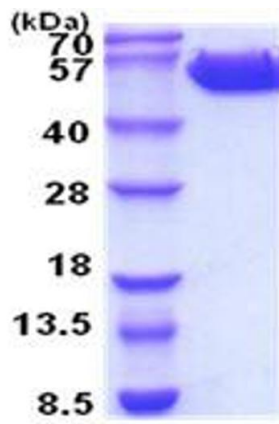
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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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 +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.