

Datasheet for ABIN7597270

IL31RA Protein (AA 20-519) (mFc Tag)



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Overview

Quantity:	10 µg
Target:	IL31RA
Protein Characteristics:	AA 20-519
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL31RA protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human IL31RA Protein with C-terminal mouse Fc tag
Sequence:	IL31RA(Ala20-Glu519) mFc(Pro99-Lys330)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL31RA
Alternative Name:	IL31RA (IL31RA Products)
Background:	CRL, GPL, CRL3, GLMR, GLM-R, PLCA2, hGLM-R, IL-31RA, PRO21384, zcytoR17 The protein encoded by this gene belongs to the type I cytokine receptor family. This receptor, with homology to gp130, is expressed on monocytes, and is involved in IL-31 signaling via activation of STAT-3 and STAT-5. It functions either as a monomer, or as part of a receptor

Target Details

	complex with oncostatin M receptor (OSMR). Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jun 2011]
Molecular Weight:	predicted molecular mass of 83.3 kDa after removal of the signal peptide. The apparent molecular mass of IL31RA-mFc is 100-250 kDa due to glycosylation.
UniProt:	Q8NI17

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: • Immunogens for antibody drug development • Reagents used for CAR-T positive cell monitoring • Reagents for antibody screening and functional testing • Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months