PRODUCT INFORMATION

Target	IL27RA
Synonyms	CRL1;IL-27RA;IL27R;TCCR;WSX1;zcytor1
Description	Recombinant human IL27RA protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	Q6UWB1
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	IL27RA(Gln33-Lys516) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 78.76 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	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.
Background	In mice, CD4 helper T-cells differentiate into type 1 (Th1) cells, which are critical for cell-mediated immunity, predominantly under the influence of IL12. Also, IL4 influences their differentiation into type 2 (Th2) cells, which are critical for most antibody responses. Mice deficient in these cytokines, their receptors, or associated transcription factors have impaired, but are not absent of, Th1 or Th2 immune responses. This gene encodes a protein which is similar to the mouse T-cell cytokine receptor Tccr at the amino acid level, and is predicted to be a glycosylated transmembrane protein.
Usage	Research use only
Conjugate	Unconjugated

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