Human IL-27RA/TCCR Protein

Cat. No. ILR-HM427

Description

Source	Recombinant Human IL-27RA/TCCR Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Gly34-Lys516.
Accession	Q6UWB1
Molecular Weight	The protein has a predicted MW of 53.55 kDa. Due to glycosylation, the protein migrates to 75-105 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

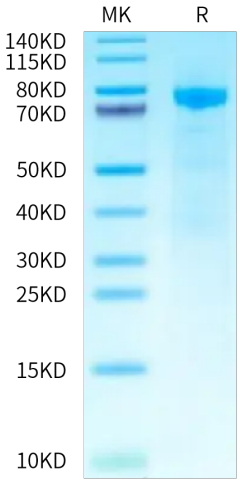
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

IL-27Ra (also known as TCCR and WSX1) as a gene whose expression can induce the transformation of hematopoietic cells. IL-27Ra (IL-27R) is a type I cytokine receptor that functions as the ligand binding component of the receptor for IL-27 and functions with the glycoprotein 130 (gp130) coreceptor to induce signal transduction in response to IL-27.

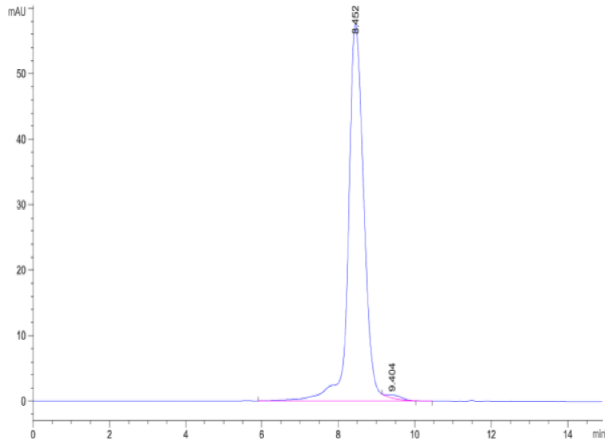
Assay Data

Tris-Bis PAGE



Human IL-27RA on Tris-Bis PAGE under reduced condition. The purity is greater than 90%.

SEC-HPLC



The purity of Human IL-27RA is greater than 95% as determined by SEC-HPLC.