

## Product datasheet for **TP307012**

### TCCR (IL27RA) (NM\_004843) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 27 receptor, alpha (IL27RA), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC207012 Blue=ORF Red=Cloning site Green=Tag(s)

MRGGRGAPFWLWPLPKLALLPLLWVLFQRTRPQGSAGPLQCYGVGGLDLNCSWEPLGDLGAPSELHLQ  
SQKYRSNKTQTVAVAAGRSWVAIPREQLTMSDKLLVWGKAGQPLWPPVFNLETQMKNAPRLGPDVD  
FSEDDPLEATVHWAPPTWPSHKVICQFHYYRCQEAAWTLLEPELKIPLTPVEIQDLELATGKYVYGR  
CRMEKEEDLWGEWSPILSFQTPPSAPKDVWVSGNLGCTPGGEEPLLWKAPGPCVQVSYKWWFWVGGRE  
LSPEGITCCCSLIPSGAEWARVSAVNATSWEPLTNLSLVCLDSASAPRSVAVSSIAGSTELLVTWQPGP  
GEPLEHVDWARDGDPLEKLNWVRLPPGNLSALLPGNFTVGVYRITVAVSASGLASASSVWGFREEL  
APLVGPTLWRLQDAPPGTPAIWGEVPRHLRGLHXYTLCAQSGTSPVCMNVSGNTQSVTLPLDPWG  
PCELWVTASTIAGQGGPPGILRLHLPDNTLRWVKVLPGLFLWGLFLLGCGLSLATSGRCYHLRHKVLP  
VWWEKVPDPANSSSGQPHMEQVPEAQPLGDLPILEVEEMPPPVMESSQPAQATAPLDSGYEKHFLPTP  
EELGLLGPPRPQVLA  
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC207012 also available, [TP307012](#)

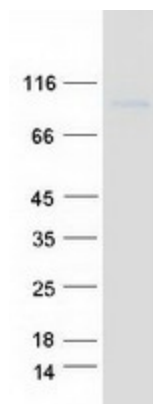
Tag:	C-Myc/DDK
Predicted MW:	69.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004834</a>
<b>Locus ID:</b>	9466
<b>UniProt ID:</b>	<a href="#">Q6UWB1</a>
<b>RefSeq Size:</b>	3258
<b>Cytogenetics:</b>	19p13.12
<b>RefSeq ORF:</b>	1908
<b>Synonyms:</b>	CRL1; IL-27RA; IL27R; TCCR; WSX1; zcytor1
<b>Summary:</b>	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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified IL27RA protein (Cat# TP307012). The protein was produced from HEK293T cells transfected with IL27RA cDNA clone (Cat# [RC207012]) using MegaTran 2.0 (Cat# [TT210002]).