

## Product datasheet for **TP726094**

### TCCR (IL27RA) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human IL-27 Ra
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly34-Lys516
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Interleukin-27 Receptor Subunit $\alpha$ /IL-27R $\alpha$ is produced by our mammalian expression system and the target gene encoding Gly34-Lys516 is expressed
Stability:	12 months from date of despatch
Locus ID:	9466
UniProt ID:	<a href="#">Q6UWB1</a>
Synonyms:	class I cytokine receptor; CRL1;IL-27R;IL-27 R alpha;IL-27Ra; IL-27R-alpha; interleukin-27 receptor subunit alpha; TCCR; T-cell cytokine receptor type 1; Type I T-cell cytokine receptor; WSX-1;IL-27R subunit alpha
Summary:	Interleukin-27 receptor alpha is also known as WSX 1, TCCR, and IL 27 R alpha. IL-27 R alpha belongs to the type I, group 2 cytokine receptor family. Mature IL 27 R alpha is a type I transmembrane glycoprotein which consists of a 484 amino acid aa extracellular region, a 21 aa transmembrane segment and a 99 aa cytoplasmic domain. Human IL-27 R alpha extracellular region shows 63% aa sequence identity with those of mouse IL 27 R alpha extracellular domain. It is highly expressed in lymphoid tissues such as spleen, lymph nodes and peripheral blood leukocytes. The function of human IL-27 R alpha is to act as the receptor of human IL-27 and to involve in the regulation of Th1-type immune responses. In addition, IL-27 R alpha is reported to complex with CNTFR alpha and gp130 form a human in the receptor on neurons, and to complex with gp130 and IL-6 R to form a receptor for a p28:CLF heterodimeric cytokine on lymphocytes.
Protein Families:	Druggable Genome, Transmembrane



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