

IL-27R alpha/TCCR Protein, Human (HEK293, His)

Cat. No.:	HY-P701013
Synonyms:	IL-27RA; TCCR; IL27RA; IL-27R-alpha; IL27R alpha; WSX-1; WSX1; ZcytoR1; CRL1; IL-27 RA; IL27 RA
Species:	Human
Source:	HEK293
Accession:	Q6UWB1 (G34-K516)
Gene ID:	9466
Molecular Weight:	75-105 kDa

PROPERTIES

Appearance	Solution
Formulation	Supplied as a 0.22µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

DESCRIPTION

Background	IL-27R alpha/TCCR, a receptor for IL27, relies on IL6ST/GP130 to facilitate signal transduction in response to IL27, operating through STAT3 and STAT1 pathways. This receptor is also implicated in the recognition of the neuroprotective peptide humanin, forming a complex with IL6ST/GP130 and CNTFR. Beyond its involvement in the regulation of Th1-type immune responses, IL-27R alpha/TCCR is associated with innate defense mechanisms. It forms part of a receptor complex comprising IL6ST/GP130, IL27RA/WSX1, and CNTFR, and this complex interacts with the neuroprotective peptide humanin.
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Caution: Product has not been fully validated for medical applications. For research use only.

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