

Product datasheet for PH307012

TCCR (IL27RA) (NM_004843) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IL27RA MS Standard C13 and N15-labeled recombinant protein (NP_004834)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207012
Predicted MW:	69.5 kDa
Protein Sequence:	>Peptide sequence encoded by RC207012 Blue=ORF Red=Cloning site Green=Tag(s) MRGGRGAPFWLWLPKLLALLPLLWVLFQRTRPQGSAGPLQCYGVGPLGDLNCSWEPLGDLGAPSELHLQ SQKYRSNKTQTVAVAAGRSWVAIPREQLTMSDKLLVWGKAGQPLWPPVFNLETQMKPNAPRLGPDVD FSEDDPLEATVHWAPPTWPSHKVLCQFHYRRCQEAAWTLLEPELKTIPLTPVEIQDLELATGYKVYGR CRMEKEEDLWGEWSPILSFQTPPSAPKDVWVSGNLCGTPGGEEPLLLWKAPGPCVQVSYKVVFWVGGRE LSPEGITCCCSLIPSGAEWARVSAVNATSWEPLTNLSLVCLDSASAPRSVAVSSIAGSTELLVTWQPGP GEPLHVVVDWARDGDPLEKLNWVRLPPGNLSALLPGNFTVGVPIRITVTAVSASGLASASSVWGFREEL APLVGPTLWRLQDAPPGTPIAWGEVPRHQLRGHLTHYTLCAQSGTSPSVCNMVSGNTQSVTLPLDPWG PCELWVTASTIAGQGGPPIRLHLDPDNTLRWKVLPGILFLWGLFLLGCGLSLATSGRCYHLRHKVLP WWEKVPDPANSSSGQPHMEQVPEAQLGDLPILEVEEMEPVMESSQPAQATAPLDSGYEKHFLPTP EELGLLGPPRPQVLA SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV Recombinant protein using RC207012 also available, TP307012
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004834



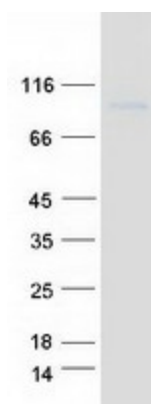
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RefSeq Size:	3258
RefSeq ORF:	1908
Synonyms:	CRL1; IL-27RA; IL27R; TCCR; WSX1; zcytor1
Locus ID:	9466
UniProt ID:	Q6UWB1
Cytogenetics:	19p13.12

Summary: 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]

Protein Families: 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]).