

## Product datasheet for PH307020

### IL10RA (NM\_001558) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	IL10RA MS Standard C13 and N15-labeled recombinant protein (NP_001549)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207020
Predicted MW:	62.9 kDa
Protein Sequence:	>RC207020 representing NM_001558 Red=Cloning site Green=Tags(s)

MLPCLVLLAALLSLRLGSDAHGTELPSPPSVWFEAEFFHHILHWTPIPNQSESTCYEVALLRYGIESWN  
SISNCSQTLSDYDLTAVTLDLYHSNGYRVRVAVDGRHSNWTNTNTRFSVDEVTLTVGSVNLEIHNGFIL  
GKIQLPRPKMAPANDTYESIFSHFREYEIAIRKVPGNFTFTHKKVKHENFSLLTSGEVGEFCVQVKPSVA  
SRSNKGMSKEECISLTRYFTVTNVIIFFAFVLLL SGALAYCLALQLYVRRRKKLPVLLFKKPSPFIF  
ISQRSPETQDTIHPLDEEAFKLVSPKLNLDLHGSTDSGFGSTKPSLQTEEPQFLLPDPHPQADRTLGN  
GEPVVLGDSCSSGSSNSTDSGICLQEPSLSPSTGPTWEQQVGSNSRGQDDSGIDLQNSEGRAGDTQGS  
ALGHHSPPEPEVPGEEPAAVAFAQYLQTRCAEEKATKTGCLEESPLTDGLGPKFGRCLVDEAGLHPP  
ALAKGYLKQDPLEMTLASSGAPTQWNQPTTEWSLLALSSCSDLGISDWSFAHDLAPLGCVAAPGGLLGS  
FNSDLVTLPLISSLQSSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001549</a>
RefSeq Size:	3649
RefSeq ORF:	1734



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**Synonyms:** CD210; CD210a; CDW210A; HIL-10R; IL-10R1; IL10R

**Locus ID:** 3587

**UniProt ID:** [Q13651](#)

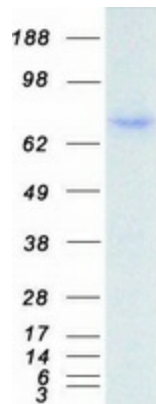
**Cytogenetics:** 11q23.3

**Summary:** The protein encoded by this gene is a receptor for interleukin 10. This protein is structurally related to interferon receptors. It has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines. This receptor is reported to promote survival of progenitor myeloid cells through the insulin receptor substrate-2/PI 3-kinase/AKT pathway. Activation of this receptor leads to tyrosine phosphorylation of JAK1 and TYK2 kinases. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene. [provided by RefSeq, Jan 2009]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

### Product images:



Coomassie blue staining of purified IL10RA protein (Cat# [TP307020]). The protein was produced from HEK293T cells transfected with IL10RA cDNA clone (Cat# [RC207020]) using MegaTran 2.0 (Cat# [TT210002]).