

## Product datasheet for TP307020

### IL10RA (NM\_001558) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 10 receptor, alpha (IL10RA), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207020 representing NM_001558 Red=Cloning site Green=Tags(s)

MLPCLWLLAALLSLRLGSDAHGTELPSPPSVWFEEFFHHILHWTPIPNQSESTCYEVALLRYGIESWN  
SISNCSQTLSDLTAVTLDLYHSNGYRARVRAVDGSRHSNWTNTNTRFSVDEVTLTVGSVNLEIHNGFIL  
GKIQLPRPKMAPANDTYESIFSHFREYEIAIRKVPGNFTFTTHKKVKHENFSLTSGEVGEFCVQVKPSVA  
SRSNKGMSKEECISLTRQYFTVTNVIFFAFVLLSGALAYCLALQLYVRRRKKLPSVLLFKKPSPFIF  
ISQRSPETQDTIHPLDEEAFLKVSPKLNLDLHGSTDGSGFGSTKPSLQTEEPQFLLPDPHPQADRTLGN  
GEPVVLGDSCSSGSSNSTDSGICLQEPSLSPSTGPTWEQQVGSNSRGQDDSGIDLQNSEGRAGDTQGGG  
ALGHHSPPEPEVPGEEDPAAVAFQGYLRQTRCAEEKATKTGCLEESPLTDGLGPKFGRCLVDEAGLHPP  
ALAKGYLKQDPLEMTLASSGAPTQWQNPTEEWSLLALSSCSLDLGISDWSFAHDLAPLGCVAAPGGLLGS  
FNSDLVTLPLISSLQSS

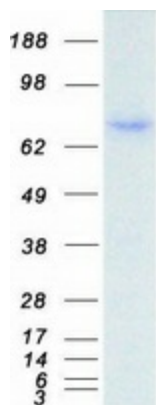
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	60.8 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_001549</a>
<b>Locus ID:</b>	3587
<b>UniProt ID:</b>	<a href="#">Q13651</a>
<b>RefSeq Size:</b>	3649
<b>Cytogenetics:</b>	11q23.3
<b>RefSeq ORF:</b>	1734
<b>Synonyms:</b>	CD210; CD210a; CDW210A; HIL-10R; IL-10R1; IL10R
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	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]).