

Product datasheet for TP307020M

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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207020 representing NM_001558 Red=Cloning site Green=Tags(s)

MLPCLWLLAALLSLRLGSDAHGTELPSPPSVWFEEFFHHILHWTPIPNQSESTCYEVALLRYGIESWN
SISNCSQTLSDLTAVTLDLYHSNGYRARVRAVDGSRHSNWTNTNTRFSVDEVTLTVGSVNLEIHNGFIL
GKIQLPRPKMAPANDTYESIFSHFREYEIAIRKVPGNFTFTHKKVKHENFSLTSGEVGEFCVQVKPSVA
SRSNKGMSKEECISLTRQYFTVTNVIFFAFVLLSGALAYCLALQLYVRRRKKLPSVLLFKKPSPFIF
ISQRSPETQDTIHPLDEEAFLKVSPKLNLDLHGSTDGSGFGSTKPSLQTEEPQFLLPDPHPQADRTLGN
GEPPVLGDSCSSGSSNSTDSGICLQEPSLSPSTGPTWEQQVGSNSRGQDDSGIDLQNSEGRAGDTQGGG
ALGHHSPPEPEVPGEEDPAAVAFQGYLRQTRCAEEKATKTGCLEESPLTDGLGPKFGRCLVDEAGLHPP
ALAKGYLKQDPLEMTLASSGAPTQWVNQPTTEWSLLALSSCSLDLGISDWSFAHDLAPLGCVAAPGGLLGS
FNSDLVTLPLISSLQSS

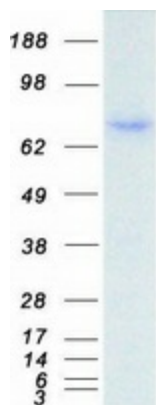
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001549
Locus ID:	3587
UniProt ID:	Q13651
RefSeq Size:	3649
Cytogenetics:	11q23.3
RefSeq ORF:	1734
Synonyms:	CD210; CD210a; CDW210A; HIL-10R; IL-10R1; IL10R
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]).