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# **IL10RB Protein (His tag)**





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Quantity:	100 μg	
Target:	IL10RB	
Origin:	Mouse	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Biological Activity:	Active	
Purification tag / Conjugate:	e: This IL10RB protein is labelled with His tag.	

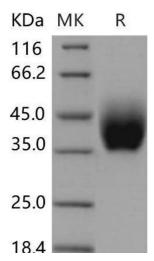
### **Product Details**

Purpose:	Recombinant Mouse IL10RB/IL10R2 Protein (His Tag)(Active)
Sequence:	Met 1-Ser 222
Characteristics:	A DNA sequence encoding the extracellular domain of mouse IL10RB (NP_032375.2) (Met 1-Ser 222) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 98 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment: Immobilized mouse IL10RB-His at 10 μg/ml (100 μl/well) can bind biotinylated human I His, The EC50 of biotinylated human IL28B-His is 0.13-0.31 μg/ml.	

# Target Details

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Alternative Name:	IL10RB/IL10R2 (IL10RB Products)		
Background:	Background: Interleukin 10 receptor, beta subunit (IL10RB/IL-10RB) also known as Cytokine		
	receptor family 2 member 4, Interleukin-10 receptor subunit 2, and cytokine receptor family II,		
	member 4, is a subunit for the interleukin-10 receptor. IL10RB/IL-10RB belongs to the cytokine		
	receptor family. It is an accessory chain essential for the active interleukin 10 receptor complex.		
	Coexpression of this and IL10RA proteins has been shown to be required for IL10-induced		
	signal transduction. Defects in IL10RB/IL-10RB are the cause of inflammatory bowel disease		
	type 25 (IBD25). It is a chronic, relapsing inflammation of the gastrointestinal tract with a		
	complex etiology. It is subdivided into Crohn disease and ulcerative colitis phenotypes. Crohn		
	disease may affect any part of the gastrointestinal tract from the mouth to the anus, but most		
	frequently it involves the terminal ileum and colon. Bowel inflammation is transmural and		
	discontinuous, it may contain granulomas or be associated with intestinal or perianal fistulas.		
	In contrast, in ulcerative colitis, the inflammation is continuous and limited to rectal and colonic		
	mucosal layers, fistulas and granulomas are not observed. Both diseases include extraintestinal		
	inflammation of the skin, eyes, or joints.		
	Synonym: 6620401D04Rik,AI528744,CRF2-4,Crfb4,D16H21S58,D21S58h,IL-10R2,II10r2		
Molecular Weight:	25 kDa		
NCBI Accession:	NP_032375		
Application Details			
Restrictions:	For Research Use only		
Handling			
Format:	Lyophilized		
Reconstitution:	Please refer to the printed manual for detailed information.		
Buffer:	Lyophilized from sterile PBS, pH 7.4		
Storage:	4 °C,-20 °C,-80 °C		
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.		
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.		



# **Western Blotting**

Image 1.