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Datasheet for ABIN7320865 IL13 Receptor alpha 1 Protein (His tag,AVI tag)





Overview

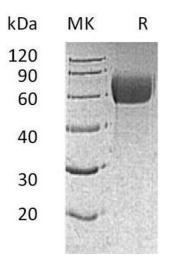
Quantity:	100 µg
Target:	IL13 Receptor alpha 1 (IL13RA1)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL13 Receptor alpha 1 protein is labelled with His tag,AVI tag.
Product Details	
Purpose:	Recombinant Mouse IL13RA1 Protein (AVI & His Tag)
Sequence:	Ala25-Thr340
Characteristics:	Biotinylated Recombinant Mouse IL-13RA is produced by ourMammalian expression system
	and the target gene encoding Ala25-Thr340 is expressed with a Avi, 6Histag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.
Target Details	
Target:	IL13 Receptor alpha 1 (IL13RA1)
Alternative Name:	IL13RA1 (IL13RA1 Products)

Background:	Background: Interleukin-13 receptor subunit alpha-1(IL-13RA1), also known as NR4, belongs to
	the hemopoietin receptor family. Interleukin-13 receptor is a complex of IL4R, IL13RA1, and
	possibly other components. It interacts with TRAF3IP1 and binds with low affinity to interleukin-

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	13(IL3). IL-13RA1, together with IL4RA, can form a functional receptor for IL13. It also serves as			
	an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4			
	(IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2)			
	binding activity. The WSXWS motif in domains appears to be necessary for proper protein			
	folding and thereby efficient intracellular transport and cell-surface receptor binding.			
	Synonym: Interleukin-13 receptor subunit alpha-1,IL-13RA1,Interleukin-13-binding protein,Novel			
	cytokine receptor 4,NR4,CD213a1, IL-13 R alpha 1			
Molecular Weight:	38.7 kDa			
UniProt:	009030			
Pathways:	JAK-STAT Signaling, Positive Regulation of Immune Effector Process, Production of Molecular			
	Mediator of Immune Response			
Application Details				
Restrictions:	For Research Use only			
Handling				
Format:	Lyophilized			
Reconstitution:	Please refer to the printed manual for detailed information.			
Buffer:	Lyophilized from a 0.2 μ m filtered solution of 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.			

Images



Western	B	lotting
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Image 1.

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