

## Product Datasheet

### Human IL-21 R Protein, Fc Tag (orb257628)

<b>Description</b>	Human IL-21 R, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Cys 20 - Pro 236 (Accession # Q9HBE5-1).
<b>Reactivity</b>	Human
<b>Endotoxins</b>	1.0 EU per µg
<b>Conjugation</b>	Unconjugated
<b>Target</b>	IL-21 R
<b>Preservatives</b>	PBS, pH7.4
<b>Form/Appearance</b>	Powder
<b>Storage</b>	-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower.
<b>Tag</b>	C-Fc
<b>Note</b>	For research use only
<b>Application notes</b>	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 51.5 kDa. The protein migrates as 65-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Biologically Active?</b>	Yes
<b>Biological Activity</b>	Human IL-21, Tag Freeimmobilized on CM5 Chip can bind Human IL-21 R, Fc Tag with an affinity constant of 0.412 nM as determined in a SPR assay (Biacore 8K) (Routinely tested).
<b>Purity</b>	95%
<b>Source</b>	Human IL-21 R, Fc Tag (orb257628) is expressed from human 293 cells (HEK293). It contains AA Cys 20 - Pro 236 (Accession # Q9HBE5-1).

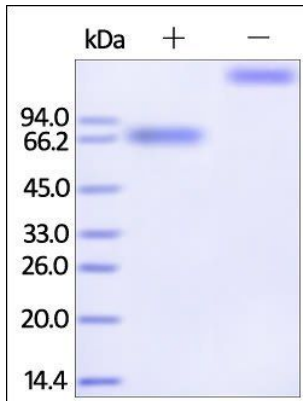
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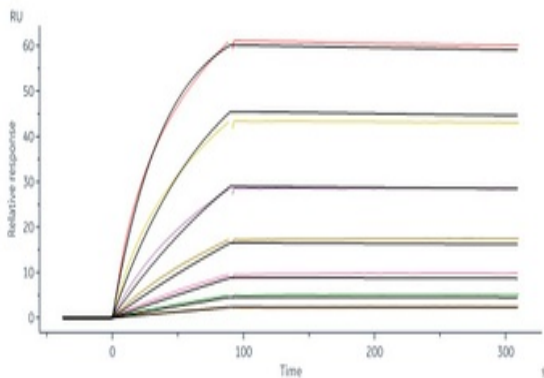
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<b>MW</b>	51.5 kDa
<b>Uniprot ID</b>	<b>Q9HBE5</b>
<b>NCBI</b>	<b>NP_068570.1</b>
<b>Expiration Date</b>	6 months from date of receipt.



SDS-PAGE analysis of Human IL-21 R protein



Human IL-21, Tag Free (Cat. No. orb752328) immobilized on CM5 Chip can bind Human IL-21 R, Fc Tag (Cat. No. orb257628) with an affinity constant of 0.412 nM as determined in a SPR assay (Biacore 8K) (Routinely tested).

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