

## Product Datasheet

# Human IL-18 R1 Protein, His-Avi Tag (Biotin) (orb1184767)

<b>Description</b>	Biotinylated Human IL-18 R1, His, is expressed from human 293 cells (HEK293). It contains AA Ala 19 - Arg 329 (Accession # Q13478-1).
<b>Reactivity</b>	Human
<b>Endotoxins</b>	1.0 EU per µg
<b>Conjugation</b>	Biotin
<b>Target</b>	IL-18 R1, CD218a
<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-10×His & C-Avi
<b>Note</b>	For research use only
<b>Application notes</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (). The protein has a calculated MW of 39.3 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Biologically Active?</b>	Yes
<b>Biological Activity</b>	Biotinylated Human IL-18 R1, His, captured on Biotin CAP-Series S Sensor Chip can bind Human IL-18, Tag Free with an affinity constant of 1.49 µM as determined in a SPR assay (Biacore 8K) (QC tested).
<b>Purity</b>	95%

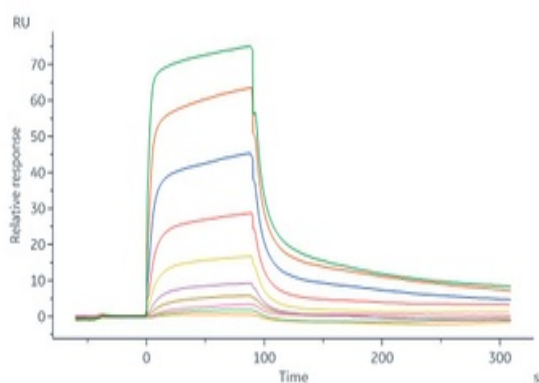
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<b>Source</b>	Biotinylated Human IL-18 R1, His, (orb1184767) is expressed from human 293 cells (HEK293). It contains AA Ala 19 - Arg 329 (Accession # Q13478-1).
<b>MW</b>	39.3 kDa
<b>Uniprot ID</b>	<b>Q13478</b>
<b>NCBI</b>	<b>AAH69575.1</b>
<b>Expiration Date</b>	6 months from date of receipt.



Biotinylated Human IL-18 R1, His, Avitag (Cat. No. orb1184767) captured on Biotin CAP-Series S Sensor Chip can bind Human IL-18, Tag Free with an affinity constant of 1.49  $\mu$ M as determined in a SPR assay (Biacore 8K) (QC tested).

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