

## Product Datasheet

# Rat Growth Hormone R Protein, His Tag (orb1496174)

<b>Description</b>	Rat Growth Hormone R, His Tag is expressed from human 293 cells (HEK293). It contains AA Phe 19 - Arg 265 (Accession # P16310-1).
<b>Reactivity</b>	Rat
<b>Endotoxins</b>	1.0 EU per µg
<b>Conjugation</b>	Unconjugated
<b>Target</b>	Growth Hormone R, GHR
<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
<b>Note</b>	For research use only
<b>Application notes</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 30.2 kDa. The protein migrates as 36-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Biologically Active?</b>	Yes
<b>Biological Activity</b>	Immobilized Human GH, Tag Free at 2 µg/mL (100 µL/well) can bind Rat Growth Hormone R, His Tag with a linear range of 1-16 ng/mL (QC tested).
<b>Purity</b>	90%

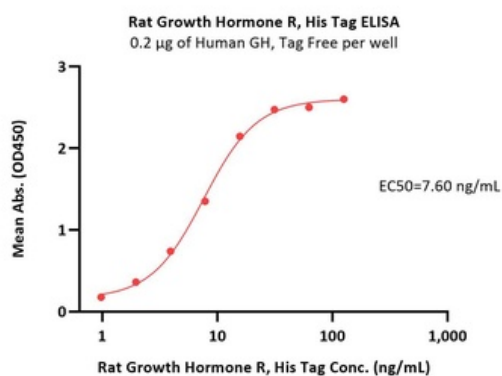
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<b>Source</b>	Rat Growth Hormone R, His Tag (orb1496174) is expressed from human 293 cells (HEK293). It contains AA Phe 19 - Arg 265 (Accession # P16310-1).
<b>MW</b>	30.2 kDa
<b>Uniprot ID</b>	<b>P16310</b>
<b>Expiration Date</b>	6 months from date of receipt.



Immobilized Human GH, Tag Free at 2 µg/mL (100 µL/well) can bind Rat Growth Hormone R, His Tag (Cat. No. orb1496174) with a linear range of 1-16 ng/mL (QC tested).

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