

## Product Datasheet

### Mouse IL-7 Protein, His Tag (orb1496304)

<b>Description</b>	Mouse IL-7, His Tag is expressed from human 293 cells (HEK293). It contains AA Glu 26 - Ile 154 (Accession # Q544C8).
<b>Reactivity</b>	Mouse
<b>Endotoxins</b>	0.1 EU per µg
<b>Conjugation</b>	Unconjugated
<b>Target</b>	IL-7
<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 16.8 kDa. The protein migrates as 20 kDa and 26-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Biologically Active?</b>	Yes
<b>Biological Activity</b>	Immobilized Mouse IL-7 Protein, His Tag at 2 µg/mL (100 µL/well) can bind Human IL-7 R alpha, Mouse IgG2a Fc Tag with a linear range of 0.2-2 ng/mL (QC tested).
<b>Purity</b>	90%
<b>Source</b>	Mouse IL-7, His Tag (orb1496304) is expressed from human 293 cells (HEK293). It contains AA Glu 26 - Ile 154 (Accession # Q544C8).

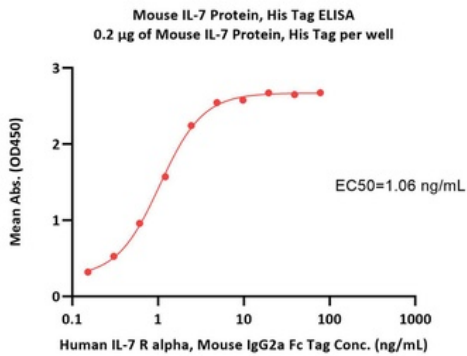
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<b>MW</b>	16.8 kDa
<b>Uniprot ID</b>	<b>Q544C8</b>
<b>Expiration Date</b>	6 months from date of receipt.



Immobilized Mouse IL-7 Protein, His Tag (Cat. No. orb1496304) at 2 µg/mL (100 µL/well) can bind Human IL-7 R alpha, Mouse IgG2a Fc Tag (Cat. No. orb402998) with a linear range of 0.2-2 ng/mL (QC tested).

**Biorbyt Ltd.**

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