

**Product Name: Recombinant Mouse IL-7RA (C-Fc)**  
**Catalog #: PHM0938**

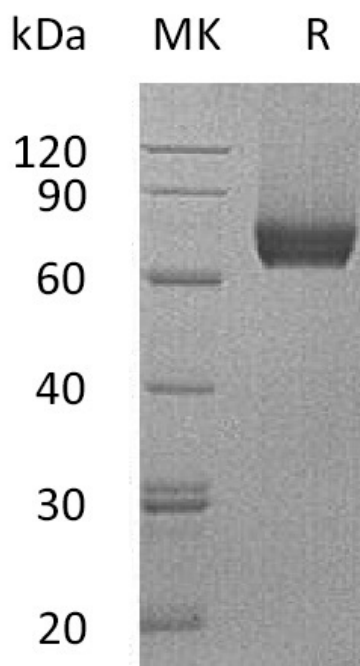


## Summary

<b>Name</b>	IL-7 R alpha/IL-7RA/CD127
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Mouse Interleukin-7 Receptor Subunit Alpha is produced by our Mammalian expression system and the target gene encoding Glu21-Asp239 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	P16872
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	52.1 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Sucrose, 3% Glycine, 100mM NaCl, 0.1mM EDTA, 0.05% Tween 80, pH 8.0.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### Alternative Names

Interleukin-7 receptor subunit alpha; IL7r; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; CD127

### Background

Interleukin 7 Receptor alpha (IL-7R $\alpha$ ), also known as CD127, is a 75 kDa hematopoietin receptor superfamily member that plays an important role in lymphocyte differentiation, proliferation, and survival. IL-7R $\alpha$  is majorly expressed on T cells and their precursors, and early in B cell development as well, prior to the appearance of surface IgM. Dynamic regulation of IL-7R $\alpha$  is important for the generation of appropriate immune responses.

### Note

For Research Use Only , Not for Diagnostic Use.