

Recombinant Mouse Il7r Protein, MYC/DDK-tagged

Cat. No. Il7r-1247M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Purified recombinant protein of full-length mouse interleukin 7 receptor (Il7r), with C-terminal MYC/DDK tag, was expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Interleukin-7 is a glycoprotein involved in the regulation of lymphopoiesis. Response of cells to IL7 is dependent on the presence of the interleukin 7 receptor (IL7R); the active receptor is a alpha/gamma chain heterodimer. The gamma(c) chain, which also associates with the interleukin-2 receptor, serves primarily to activate signal transduction by the IL7R complex, while the alpha chain of IL7R determines specific signaling events through its association with cytoplasmic signaling molecules. |
| Molecular Mass | 52.1 kDa |
| Purity | >80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 g/mL as determined by microplate BCA method |

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Il7r interleukin 7 receptor \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Il7r](#)

Synonyms [Il7r](#); [interleukin 7 receptor](#); [CD127](#); [IL-7Ralpha](#); [interleukin-7 receptor subunit alpha](#); [IL-7 receptor alpha chain](#); [IL-7 receptor subunit alpha](#); [IL-7R subunit alpha](#); [IL-7R-alpha](#); [IL-7RA](#); [interleukin 7 receptor alpha chain](#)

Gene ID [16197](#)

mRNA Refseq [NM_008372](#)

Protein Refseq [NP_032398](#)

UniProt ID [P16872](#)

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