

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 µg/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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