

## Active Recombinant Human IL7 protein, hFc-tagged

Cat. No. IL7-495H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL7 protein(P13232)(Met1-His177), fused with hFc tag, was expressed in HEK293.                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                    |
| <b>ProteinLength</b>    | Met1-His177                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.                                                                                                                 |
| <b>Bio-activity</b>     | Recombinant Human IL-7/ hFC Protein captured on Protein A chip, can bind Recombinant Human IL-7R/ His Protein with a KD constant of 2.81E-8 M, determined in a SPR assay. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 43kDa.The reducing (R) heterodimer protein migrates as 50-70 kDa due to glycosylation                                                  |
| <b>Endotoxin</b>        | <1EU/mg                                                                                                                                                                   |
| <b>Purity</b>           | SDS-PAGE>95%SEC>95%                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C.                                                                                                                                                           |
| <b>Reconstitution</b>   | sterile H500                                                                                                                                                              |

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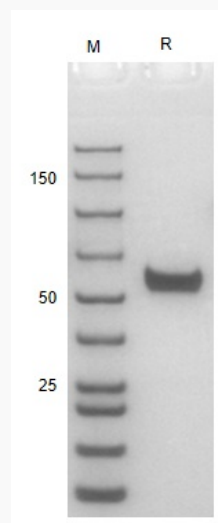
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 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                |
|------------------------|------------------------------------------------|
| <b>Gene Name</b>       | IL7 interleukin 7 [ Homo sapiens ]             |
| <b>Official Symbol</b> | IL7                                            |
| <b>Synonyms</b>        | IL7; interleukin 7; interleukin-7; IL 7; IL-7; |
| <b>Gene ID</b>         | 3574                                           |
| <b>mRNA Refseq</b>     | NM_000880                                      |
| <b>Protein Refseq</b>  | NP_000871                                      |
| <b>MIM</b>             | 146660                                         |
| <b>UniProt ID</b>      | P13232                                         |

## SDS-PAGE

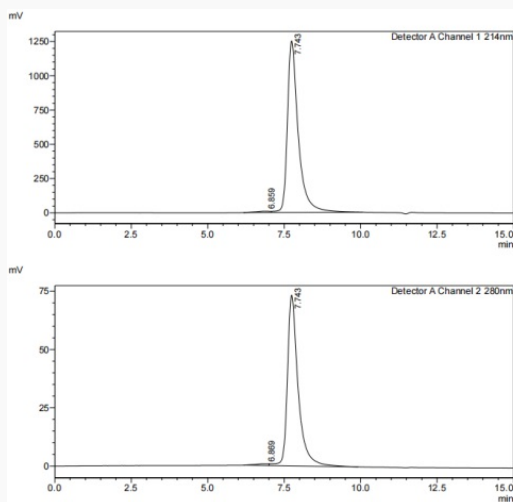


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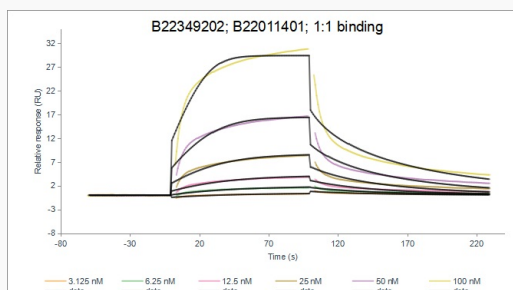
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## SDS-HPLC



## SPR



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