

Active Recombinant Human IL7R protein, His-tagged, Low Endotoxin

Cat. No. IL7R-2260H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL7R protein(P16871-1)(Glu21-Gly236), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-236 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human IL-7R alpha, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human IL-7, No Tag with an affinity constant of 35.38 nM as determined in SPR assay (Biacore S200).
Molecular Mass	The protein has a predicted MW of 25.7 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL7R interleukin 7 receptor [Homo sapiens]

Official Symbol IL7R

Synonyms IL7R; interleukin 7 receptor; interleukin-7 receptor subunit alpha; CD127; IL-7RA; CD127 antigen; IL-7R subunit alpha; IL-7 receptor subunit alpha; interleukin 7 receptor alpha chain; interleukin 7 receptor isoform H5-6; ILRA; IL7RA; CDW127; IL-7R-alpha;

Gene ID 3575

mRNA Refseq NM_002185

Protein Refseq NP_002176

MIM 146661

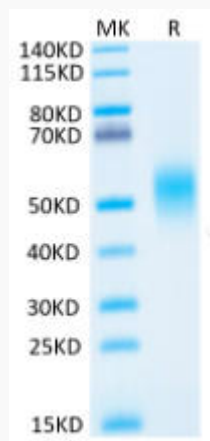
UniProt ID P16871

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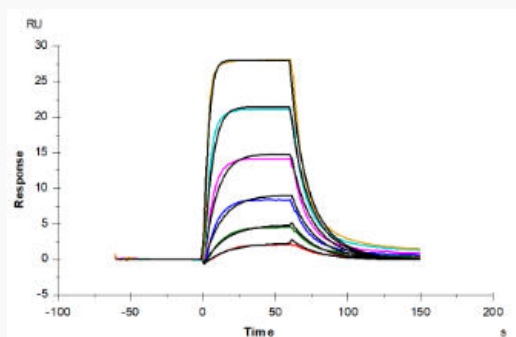
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Bis-Tris PAGE



SPR Data



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