

IL-7 Receptor Subunit alpha/IL-7RA/CD127 Recombinant Protein | IL-7 recombinant protein

Recombinant Human IL-7 Receptor Subunit alpha/IL-7RA/CD127 (C-6His)

CATALOG # AAA177951	HOST Human Cells
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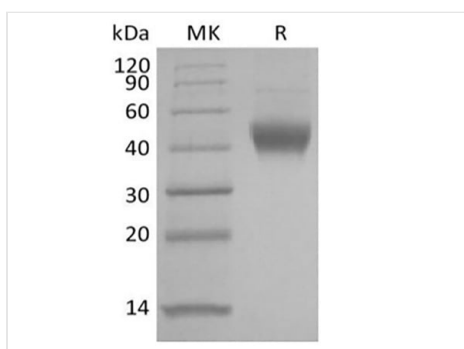
PRODUCT SYNONYMS

IL-7 Receptor Subunit alpha/IL-7RA/CD127; Recombinant Human IL-7 Receptor Subunit alpha/IL-7RA/CD127 (C-6His); Interleukin-7 receptor subunit alpha; IL7R; IL-7R-alpha; CD127; IL-7 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4 .
Sequence Positions	Glu21-Gly236
Sequence	Glu21-Gly2 36
Species	Human
Tag	C-6His
Endotoxin	<1.0EU per ug as determined by the LAL method.
Protein Construction	Recombinant Human Interleukin-7 receptor subunit alpha is produced by our Mammalian expression system and the target gene encoding Glu21-Gly236 is expressed with a 6His tag at the C-terminus.
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized protein should be stored at <-20°C . Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at <-20°C for 3 months .

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IL-7 recombinant protein	Interleukin 7 Receptor alpha (IL-7Ralpha), also known as CD127, is a 75kDa hematopoietin receptor superfamily member that plays an important role in lymphocyte differentiation, proliferation, and survival. IL-7Ralpha 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-7Ralpha is important for the generation of appropriate immune responses.
Product Categories/Family for IL-7 recombinant protein	immunology ; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	28610151
NCBI GeneID	3575
NCBI Accession #	NP_002176.2
NCBI GenBank Nucleotide #	NM_002185.3
UniProt Accession #	P16871 ; Q05CU8 ; Q6NSP4 ; Q6NWM0 ; Q6NWM1 ; Q6NWM2 ; Q6NWM3 ; Q6SV45 ; Q9UPC1 ; B2RCS6 ; B4DVT1
Molecular Weight	Mol_Mass: 25.7 kDa AP Mol Mass : 40-55 kDa
NCBI Official Full Name	interleukin-7 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 7 receptor
NCBI Official Symbol	IL7R
NCBI Official Synonym Symbols	ILRA; CD127; IL7RA; CDW127; IL-7R-alpha
NCBI Protein Information	interleukin-7 receptor subunit alpha; IL-7RA; CD127 antigen; IL-7R subunit alpha; IL-7 receptor subunit alpha; interleukin 7 receptor alpha chain; interleukin 7 receptor isoform H5-6
UniProt Protein Name	Interleukin-7 receptor subunit alpha
UniProt Gene Name	IL7R
UniProt Synonym Gene Names	IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA
UniProt Entry Name	IL7RA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.