

Recombinant Mouse IL7r protein(Met1-Asp239), His-tagged

Cat. No. IL7r-3272M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL7R(NP_032398.3) (Met 1-Asp 239) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-239 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse IL7Rα consists of 230 amino acids and has a predicted molecular mass of 26.5 kDa. As a result of different glycosylation, the apparent molecular mass of rmlIL7Rα is approximately 34-40 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL7r interleukin 7 receptor [*Mus musculus*]

Official Symbol IL7r

Synonyms

IL7R; interleukin 7 receptor; interleukin-7 receptor subunit alpha; IL-7RA; IL-7R-alpha; IL-7R subunit alpha; IL-7 receptor alpha chain; IL-7 receptor subunit alpha; interleukin 7 receptor alpha chain; CD127; IL-7Ralpha; MGC107557;

Gene ID 16197

mRNA Refseq NM_008372

Protein Refseq NP_032398

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