

Recombinant Mouse IL-21

Catalog No : PMK2171

Known As: Interleukin-21; IL21

PROPERTIES

Description	Recombinant Mouse Interleukin-21 is produced by our E.coli expression system and the target gene encoding Pro25-Ser146 is expressed.
Accession	Q9ES17
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS , 0.02% Tween80 , 2% Sucrose ,4% Mannitol , pH7.4.
Size	10μg/50μg/500μg/1mg
Purity	> 95%
Endotoxin	<0.01EU/μg as determined by LAL test.
Predicted Mol Mass	14.4 KDa
Apparent Mol Mass	16 KDa, reducing conditions
Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. \
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Background	Interleukin-21 also known as IL-21 is a protein that in mouse is encoded by the IL21 gene, belongs to the IL-15/IL-21 family. Interleukin-21 is a cytokine that has potent regulatory effects on cells of the immune system, including natural killer (NK) cells and cytotoxic T cells that can destroy virally infected or cancerous cells. This cytokine induces cell division/proliferation in its target cells.

NOTE:The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.