

Recombinant Mouse Interleukin-21/IL-21 Protein

Catalog Number:PKSM041082



Note: Centrifuge before opening to ensure complete recovery of vial contents.

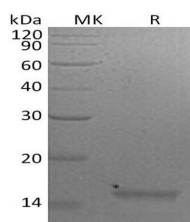
Description

Synonyms	Interleukin-21;IL-21;IL21;IL21
Species	Mouse
Expression Host	E.coli
Sequence	Pro25-Ser146
Accession	Q9ES17
Calculated Molecular Weight	14.4 kDa
Observed molecular weight	16 kDa
Tag	None

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS , 0.02% Tween80 , 2% Sucrose ,4% Mannitol , pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer info
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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