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Datasheet for ABIN1112353 IL-7 Protein

Overview

Quantity:	10 µg
Target:	IL-7 (IL7)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Biochemical Assay (BCA)

Product Details

Sequence:	MDCDIEGKDG KQYESVLMVS IDQLLDISMKE IGSNCLNNEF NFFKRHICDA NKEGMFLFRA ARKLRQFLKM NSTGDFDLHL LKVSEGTTL LNCTGQVKGR KPAALGEAQP TKSLEENKSL KEQKKNLNDLC FLKRLLEIK TCWNKILMGT KEH.
Characteristics:	Determined by its ability to stimulate the proliferation of mouse 2E8 cells. The expected ED50 is less or equal to 0.5 ng/ml, corresponding to a specific activity of greater than or equal to 2 x 10 ⁶ units/mg.
Purity:	> 95 % as determined by SDS-PAGE analysis.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin: 1.EU/µg determined by LAL method.

Target Details

Target:	IL-7 (IL7)
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Target Details

Alternative Name: IL-7 ([IL7 Products](#))

Molecular Weight: 17.4 kDa.

Pathways: [JAK-STAT Signaling](#)

Application Details

Comment: Length: 153 AA

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: We recommended spin the vial shortly prior to opening to bring the contents to the bottom. Lyophilized hIL7 should be reconstituted in deionized water to 0,1-1 µg/mL to regain full activity. These stock solutions should be apportioned into working aliquots and stored at -20 °C. Further dilutions should be made in low endotoxin medium or buffered solution with FBS or tissue culture grade BSA.

Storage: -20 °C