



[Go to Product page](#)

Datasheet for ABIN1112295

IL-15 Protein

Overview

Quantity:	10 µg
Target:	IL-15 (IL15)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Biochemical Assay (BCA)

Product Details

Sequence:	MNWWNVISDL KKIEDLIQSM HIDATLYTES DVHP SCKVTA MKCFLELQV ISLESGDASI HDTVENLIL ANNSLSSNGN VTESGCKECE ELEEKNIKEF LQSFVHIVQM FINTS.
No Cross-Reactivity:	Mouse (Murine)
Characteristics:	Determined by its ability to stimulate the proliferation of mouse CTLL-2 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

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Target Details

Alternative Name: IL-15 ([IL15 Products](#))

Molecular Weight: 12.9 kDa.

Pathways: [JAK-STAT Signaling](#), [Glycosaminoglycan Metabolic Process](#)

Application Details

Comment: Length: 115 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 hIL15 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