

Human IL-15 Recombinant Protein

Product Details

Size	100 µg
Species	Human
Published Species	Human
Expression system	E. coli
Amino acid sequence	Human IL-15 recombinant protein contains 115 amino acids
Molecular weight	12.9 kDa
Class	Recombinant
Type	Protein
Purity	98% by SDS-PAGE
Endotoxin concentration	<1 EU/mL
Activity	ED50 0.5 ng/mL; determined by the dose-dependent proliferation of CTLL-2 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	3 Publications
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Carrier-Free

Reconstitution: We recommend reconstituting the lyophilized protein in sterile double distilled water containing at least 0.1% human serum albumin or bovine serum albumin to prepare a stock solution of 1 mg/mL of the protein. The reconstituted protein should be apportioned into working aliquots and stored at -20°C.

Storage: The lyophilized protein is stable for a few weeks at room temperature, but is best stored at -20°C. Reconstituted human IL-15 should be stored at -20°C (not in a frost-free freezer). Keep freeze-thaw cycles to a minimum.

Functional Assay (3)

<p>Cancer research</p> <p>Epstein-Barr Virus-Encoded Circular RNA CircBART2.2 Promotes Immune Escape of Nasopharyngeal Carcinoma by Regulating PD-L1.</p> <p>Authors: Ge J,Wang J,Xiong F,Jiang X,Zhu K,Wang Y,Mo Y,Gong Z,Zhang S,He Y,Li X,Shi L,Guo C,Wang F,Zhou M, Xiang B,Li Y,Li G,Xiong W,Zeng Z</p>	<p>Year 2021</p> <p>Species Human</p> <p>Dilution 10 ng/mL</p>
<p>Frontiers in immunology</p> <p>A Small Molecule Antagonist of PD-1/PD-L1 Interactions Acts as an Immune Checkpoint Inhibitor for NSCLC and Melanoma Immunotherapy.</p> <p>Authors: Wang Y,Gu T,Tian X,Li W,Zhao R,Yang W,Gao Q,Li T,Shim JH,Zhang C,Liu K,Lee MH</p>	<p>Year 2021</p> <p>Species Human</p> <p>Dilution 50 ng/mL</p>

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