



Human IL-10 Recombinant Protein, PeproTech®

Product Details		
Size	1 mg	
Species	Human	
Published Species	Virus, Non-human primate, Human, Mouse	
Expression system	E. coli	
Amino acid sequence	MSPGQGTQSE NSCTHFPGNL PNMLRDLRDA FSRVKTFFQM KDQLDNLLLK ESLLEDFKGY LGCQALSEMI QFYLEEVMPQ AENQDPDIKA HVNSLGENLK TLRLRRRCH RFLPCENKSK AVEQVKNAFN KLQEKGIYKA MSEFDIFINY IEAYMTMKIR N	
Molecular weight	18.6 kDa	
Class	Recombinant	
Туре	Protein	
Purity	98% by SDS-PAGE gel and HPLC analyses.	
Endotoxin concentration <1 EU/µg		
Activity	Determined by the dose-dependent co-stimulation (with human IL-4) of MC/9 cells. The ED50 was found to be 2.0 ng/ml, corresponding to a specific activity of 5 x 10^5 units/mg.	
Conjugate	Unconjugated	
Form	Lyophilized	
Purification	HPLC, SDS-PAGE	
Contains	no preservative	
Storage conditions	-20°C	

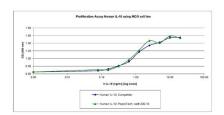
Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	Assay-dependent	5 Publications
Functional Assay (FN)	Assay-dependent	-
In vitro Assay (IV)	-	142 Publications
Miscellaneous PubMed (Misc)	-	14 Publications

Product Specific Information

Recombinant Human IL-10 is an 18.6 kDa protein of 161 amino acid residues.

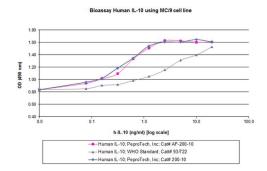
This product is shipped at ambient temperature. For storage, handling and reconstitution information, please see the lot-specific Certificate of Analysis

Product Images For Human IL-10 Recombinant Protein, PeproTech®



Human IL-10 Protein (200-10-1MG) in FN

Bioassay analysis of Human IL-10 Recombinant Protein, PeproTech® (Product # 200-10-1MG).



Human IL-10 Protein (200-10-1MG) in FN

WHO Comparison of Human IL-10 Recombinant Protein, PeproTech® (Product # 200-10-1MG).

□ 162 References

Flow Cytometry (1)

Immunity

Nanoparticle Vaccines Based on the Receptor Binding Domain (RBD) and Heptad Repeat (HR) of SARS-CoV-2 Elicit Robust Protective Immune Responses.

"200-10 was used in Flow cytometry/Cell sorting to develop nanoparticle vaccines by covalently conjugating the self-assembled 24-mer ferritin to the receptor binding domain (RBD) and/or heptad repeat (HR) subunits of the Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) spike (S) protein."

Authors: Ma X,Zou F,Yu F,Li R,Yuan Y,Zhang Y,Zhang X,Deng J,Chen T,Song Z,Qiao Y,Zhan Y,Liu J,Zhang J,Zhang X,Peng Z,Li Y,Lin Y,Liang L,Wang G,Chen Y,Chen Q,Pan T,He X,Zhang H

Year 2020

Species Mouse

ELISA (5)

Cell

The Global Phosphorylation Landscape of SARS-CoV-2 Infection.

Authors: Bouhaddou M,Memon D,Meyer B,White KM,Rezelj VV,Correa Marrero M,Polacco BJ,Melnyk JE,Ulferts S, Kaake RM,Batra J,Richards AL,Stevenson E,Gordon DE,Rojc A,Obernier K,Fabius JM,Soucheray M,Miorin L,Moreno E, Koh C,Tran QD,Hardy A,Robinot R,Vallet T,Nilsson-Payant BE,Hernandez-Armenta C,Dunham A,Weigang S,Knerr J, Modak M,Quintero D,Zhou Y,Dugourd A,Valdeolivas A,Patil T,Li Q,Hüttenhain R,Cakir M,Muralidharan M,Kim M,Jang G,Tutuncuoglu B,Hiatt J,Guo JZ,Xu J,Bouhaddou S,Mathy CJP,Gaulton A,Manners EJ,Félix E,Shi Y,Goff M,Lim JK, McBride T,O'Neal MC,Cai Y,Chang JCJ,Broadhurst DJ,Klippsten S,De Wit E,Leach AR,Kortemme T,Shoichet B,Ott M, Saez-Rodriguez J,tenOever BR,Mullins RD,Fischer ER,Kochs G,Grosse R,García-Sastre A,Vignuzzi M,Johnson JR, Shokat KM,Swaney DL,Beltrao P,Krogan NJ

Year 2020

Species Human

Journal of immunology (Baltimore, Md.: 1950)

Triggering of the cGAS-STING Pathway in Human Plasmacytoid Dendritic Cells Inhibits TLR9-Mediated IFN Production.

Authors: Deb P,Dai J,Singh S,Kalyoussef E,Fitzgerald-Bocarsly P

Year 2020

Species Human

View more ELISA references on thermofisher.com

In vitro Assay (142)

Frontiers in immunology

Density dependent regulation of inflammatory responses in macrophages.

"200-10 was used in In vitro experiments to highlight cell plating density as an important but frequently overlooked consideration of in vitro macrophage research relevant to a variety of fields ranging from basic macrophage cell biology to disease studies."

Authors: Vaughan-Jackson A,Stodolak S,Ebrahimi KH,Johnson E,Reardon PK,Dupont M,Zhang S,McCullagh JSO, James WS

Year 2023

Species Human

View more IV references on thermofisher.com

More applications with references on thermofisher.com

Misc (14)

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