



GMP Grade Cytokines and Monoclonal antibodies

Promote cellular and genetic therapy

T&L Biotechnology is an experienced supplier of GMP-grade cytokines and monoclonal antibodies. Our GMP products are certified to the **ISO 9001 and ISO 13485** under the strict GMP quality management system. DMF filed products can support your drug application.

Strict quality control

>95%

SDS-PAGE
purity

<0.01
EU/µg

Endotoxin

<100
ppm

Host cell
protein residue

<50
ng/mg

Host cell
DNA residue

>5×10⁶
IU/mg

Activity



Stability
verification



Detection of mycoplasma,
sterility and exogenous virus

High lot-to-lot consistency

Recombinant Human IL-7 stimulates proliferation of PBMC

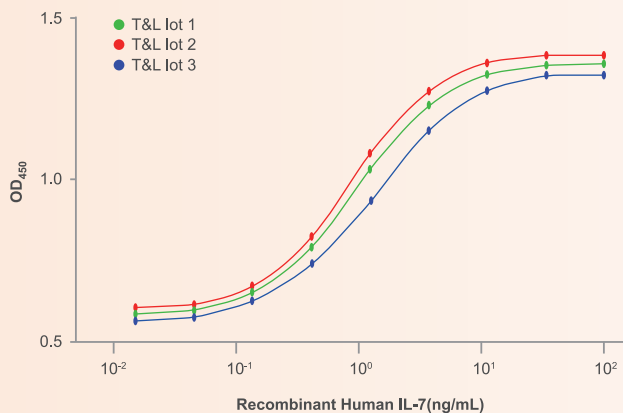


Fig. 1 The GMP IL-7 product has high batch-to-batch consistency.

High specific activity

Recombinant Human IL-15 stimulates proliferation of CTLL-2

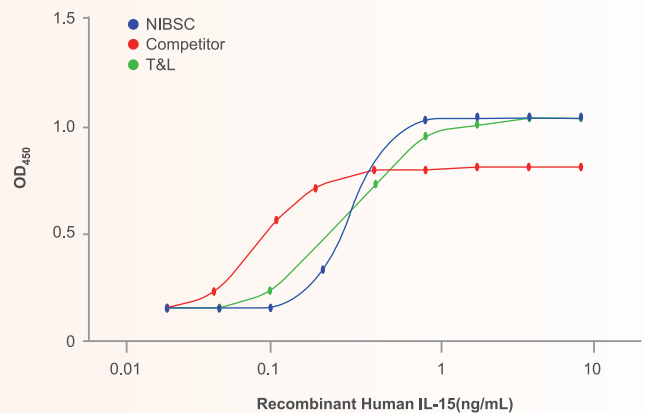


Fig. 2 The specific activity of GMP IL-15 is >1×10⁷ IU/mg. (NIBSC Code: 90 /530)

T&L Product list

Product Name	Catalog Number	Expression System	Specification
Recombinant Human IL-2 Protein (High Potency)	GMP-TL906-0100	E.coli	100μg
Recombinant Human IL-3 Protein	GMP-TL511-0050	HEK293	50μg
Recombinant Human IL-6 Protein	GMP-TL511-0100	HEK293	100μg
	GMP-TL512-0050	HEK293	50μg
	GMP-TL512-0100	HEK293	100μg
Recombinant Human IL-7 Protein	GMP-TL506-0050	CHO	50μg
	GMP-TL506-0100	CHO	100μg
Recombinant Human IL-12 Protein	GMP-TL508-0050	HEK293	50μg
Recombinant Human IL-15 Protein	GMP-TL508-0100	HEK293	100μg
	GMP-TL202-0050	HEK293	50μg
	GMP-TL202-0100	HEK293	100μg
Recombinant Human IL-18 Protein	GMP-TL902-0050	E.coli	50μg
Recombinant Human IL-21 Protein	GMP-TL509-0050	CHO	50μg
	GMP-TL509-0100	CHO	100μg
Recombinant Human bFGF Protein (Heat stable)	TL-787-0050	E.coli	50μg
Recombinant Human bFGF Protein	TL-901-0010	E.coli	10μg
	GMP-TL901-0050	E.coli	50μg
	TL-613-0010	HEK293	10μg
Recombinant Human EGF Protein	GMP-TL613-0050	HEK293	50μg
	GMP-TL613-0100	HEK293	100μg
	GMP-TL903-0050	E.coli	50μg
Recombinant Human Fibronectin (FN) Protein	GMP-TL903-0250	E.coli	250μg
	GMP-TL505-0050	HEK293	50μg
Recombinant Human FLT3 Ligand Protein	TL-302-0010	HEK293	10μg
Recombinant Human GM-CSF Protein	GMP-TL302-0100	HEK293	100μg
	GMP-TL633-0100	HEK293	100μg × 10 vials
Recombinant Human LIF Protein (Minimum order: 10mg)	GMP-TL644-0050	HEK293	50μg
	GMP-TL644-0100	HEK293	100μg
	TL-504-0010	HEK293	10μg
Recombinant Human SCF Protein	GMP-TL504-0050	HEK293	50μg
	GMP-TL504-0100	HEK293	100μg
	TL-303-0010	HEK293	10μg
Recombinant Human TNF-α Protein	GMP-TL303-0100	HEK293	100μg
	GMP-TL651-0100	HEK293	100μg
Recombinant Human Vitronectin Protein	GMP-TL651L-1000	HEK293	1000μg
	GMP-TL107-0100	-	100μg
OK432	GMP-TL107-0500	-	500μg
	GMP-TL695-0050	HEK293	50μg
Recombinant Human 4-1BB Ligand Protein	GMP-TL695-0100	HEK293	100μg
	TL-109-0010	E.coli	10μg
Recombinant Human IL-1β Protein	TL-513-0100	E.coli	100μg
Recombinant Human IL-4 Protein	TL-301-0100	HEK293	100μg
Recombinant Human Activin A Protein	TL-910-0050	HEK293	50μg
Recombinant Human BDNF Protein	TL-770-0050	E.coli	50μg
Recombinant Human FGF4 Protein	TL-782-0050	E.coli	50μg
Recombinant Human GDNF Protein	TL-771-0050	E.coli	50μg
Recombinant Human M-CSF Protein	TL-514-0010	E.coli	10μg
	TL-514-0050	E.coli	50μg
Recombinant Human Noggin Protein	TL-642-0050	CHO	50μg
Recombinant Human OSM Protein	TL-772-0050	HEK293	50μg
Recombinant Human TGF-β1 Protein	TL-643-0010	HEK293	10μg
	TL-643-0050	HEK293	50μg
Recombinant Human Wnt3a Protein	TL-783-0050	HEK293	50μg
Recombinant Human EPO Protein	TL-636-0050	HEK293	50μg
	TL-636-0100	HEK293	100μg
Recombinant Human Laminin-511 E8 Protein	TL-766-0100	HEK293	100μg
Recombinant Human BMP-4 Protein	TL-607-0050	HEK293	50μg

T&L Biotechnology Co., Ltd.

Email: info@TLBiotechnology.com

Official website: www.tlbiotech.com

Call Us: 400-010-5556 442-944-9891

Address: 6076 Corte Del Cedro, Carlsbad, CA 92011, USA

