

Recombinant Human Soluble CD4 (liquid)








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

Rev. 2.00

Catalog Number:	PHS0044	PHS0033
Quantity:	10 µg	1 mg
Lot Number:	See product label.	
Molecular Weight:	sCD4 Human Recombinant produced in Baculovirus is a single, glycosylated polypeptide chain containing 365 amino acids and having a non glycosylated molecular mass of 45 kDa. As a result of glycosylation the sCD4 migrates as a 46 kDa protein on standard SDS-PAGE. Detected By Western Immunoblots anti CD4 monoclonal antibody.	
Purity:	Greater than 90% by SDS-PAGE gel and HPLC analyses.	
Amino Acid Sequence:	KKVVLGKKGD TVELTCTASQ KKSQFHWKN SNQIKILGNQ GSFLTKGPSK LNDRADSRRS LWDQGNFPLI IKNLKIEDSD TYICEVEDQK EEVQLLVFGL TANS DTHLLQ GQSLTLTLES PPGSSPSVQC RSPRGKNIQG GKTLSQLE LQDSGTWCT VLQNQKKVEF KIDIVVLA FQ KASSIVYKKE GEQVEFSFPL AFTVEKLTGS GELWWQAERA SSSKSWITFD LKNKEVSVKR VTQDPKLQMG KKLPLHLTLP QALPQYAGSG NLTLALEAKT GKLHQEVNLV VMRATQLQKN LTCEVWGPTS PKLMLSLKLE NKEAKVSKRE KAVWVLNPEA GMWQCCLSDS GQVLLESNIK VLPTW	
Biological Activity:	Immune reactive in ELISA using monoclonal anti CD4 in gp120 capture ELISA assays.	
Formulation:	The solution (0.25 mg/mL) contains 10 mM sodium phosphate buffer, pH 7.0, 300 mM NaCl and 0.01% tween-80. This is a sterile filtered colorless solution.	
Endotoxin:	<0.1 ng/µg (1EU/µg). This product has been sterile filtered.	
Production:	Produced in baculovirus.	
Reconstitution Recommendation:	This product is supplied as a liquid (0.25 mg/mL) and does not need to be reconstituted.	
Suggested Working Dilutions:	The optimal concentration should be determined for each specific application.	
Storage:	sCD4 human recombinant although stable at 4°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).	
Expiration Date:	See product label.	

Explanation of Symbols

The symbols present on the product label are explained below:

Symbol	Description
	Catalog Number
	Research Use Only
	Use by
	Manufacturer
	Without, does not contain
	Protect from light
	Directs the user to consult instructions for use (IFU), accompanying the product.

Symbol	Description
	Batch code
	In vitro diagnostic medical device
	Temperature limitation
	European Community authorized representative
	With, contains
	Consult accompanying documents

Limited Use Label License: Research Use Only

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For Research Use Only. Caution: Not for human or animal therapeutic or diagnostic use.

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