Miltenyi Biotec

MACSpep TB esxB (GQWRGAAGTAAQAAV) HLA-DR

Order no. 130-136-095

200 nmol

For ≥20 loading reactions using the MHC MACSimer FleX Kit

For research use only

Product format	Lyophilized powder
Storage	Store at –20 °C
Organism	Mycobacterium tuberculosis
Antigen	TB esxB
Molecular mass of antigen [Da]	1413.6
Peptide sequence	GQWRGAAGTAAQAAV
Sequence segment	041-055
Peptide identifier	P9WNK5
Counter ion	TFA
N-terminus	H_2N-
C-terminus	Amide
Amount per 200 nmol	283 µg
Purity [%]	≥95
Applications	bacterial infection
MHC class	II
Main MHC allele	HLA-DR
Further MHC alleles	DRB1*04:01, DRB1*11:01, DRB5*01:01, DRB1*01:01, DRB1*09:01, DQA1*03:01/DQB1*03:02, DQA1*05:01/DQB1*03:01, DQA1*01:02/DQB1*06:02
Protocol	Preparation of MACSpep single peptides for peptide loading on MHC MACSimers

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