

PRODUCT DATA SHEET

Product	Tyrosinase (human) Peptide Pool
Product No.	LB01351
Protein ID	P14679 (swiss prot)
No. of peptides	130 peptides (peptide scan 15/11)
Amount	15 nmol (approx. 25ug)/peptide for stimulation of $2,5 \times 10^8$ cells
Source	Protein name: Tyrosinase Gene name: TYR Organism: Homo sapiens (Human) Length: 529 amino acids Sequence: MLLAVLYCLLWSFQTSAGHFPRACVSSKNLMEKECCPPWSGDRSPCGQLSGRGSCQNILL SNAPLGPQFPFTGVDDRESWPSVFYNRTCQC SGNFMGFNCGNCKFGFWGPNCTERRLLVR RNIFDLSAFEKDKFFAYLTLAKHTISSDYVIPIGTYGQMKNGSTPMFNDINIYDLFVVMH YYVSM DALLGGSEIWRDIDFAHEAPAFLPWHRLFLLRWEQEIQKLTGDENFTIPYWDWRD AEKCDICTDEYMGQHPNPNLLSPASFFSSWQIVCSRLEEYNSHQSLCNGTPEGPLRRN PGNHDKSRTPRLPSSADVEFCLSLTQYESGSM DKAANFSFRNTLEGFASPLTGIADASQS SMHNALHIYMNGTMSQVQGSANDP IFLHHA FVDSIFEQWLRRHRPLQEVYPEANAPIGH NRESYMPFFIPLYRNGDFFISSKDLGYDYSYLQDSDPDSFQDYIKSYLEQASRIWSWLLG AAMVGAVLTALLAGLVSLLCRHKRQQLPEEKQPLLMEKEDYHSLYQSHL
Quality	Each peptide ESI-MS checked, pool is purified by solid phase extraction
Remark	The peptides of this product are supplied as trifluoroacetate salts. This pool consists of 130 peptides.
Storage, Stability	Store dry at -20°C , best before if unopened 1 year after delivery
Solubility	Dissolve in a minimum amount of pure DMSO (approx. 40 μl) and dilute with water to the desired concentration. Please pay attention that the final concentration of DMSO must be below 1% (v/v) to avoid toxicity in the biological system.