

PRODUCT DATA SHEET

Product	ERBB2 (HER2)-Peptide-Pool
Product No.	LB02229
Protein ID	P04626
No. of peptides	311 peptides (peptide scan 15/11)
Amount	15 nmol (approx. 25µg)/peptide for stimulation of $2,5 \times 10^8$ cells
Source	Protein name: Receptor tyrosine-protein kinase erbB-2 Gene name: ERBB2 Organism: Homo sapiens (Human) Length: 1255 amino acids Sequence: MELAALCRWGLLLALLPPGAASTQVCTGTDMKLRLPASPETHLDMLRHLYQGCVVQGNLELTY LPTNASLSFLQDIQEVQGYVLI AHNQVRQVPLQRLRIVRGTQLFEDNYALAVLDNGDPLNNTTP VTGASPGGLRELQLRSLTEILKGGVLIQRNPQLCYQDTILWKDIFHKNNQLALTLIDTNRSRAC HPCSPMCKGSRGWGESSEDCQSLTRTV CAGGCARCKGPLPTDCCHEQCAAGCTGPKHSDCLACL HFNHSGICELHCPALVTYNTDTFESMPNPEGRYTFGASCVTACPYNLSTDVGSCTLVCPLHNQ EVTAEDGTQRCEKCSKPCARVCYGLGMEHLREVRAVTSANIQEFAGCKKIFGSLAFLPESFDGD PASNTAPLQPEQLQVFETLEEITGYLYISAWPDSLPLDSVFNQVIRGRILHNGAYSLTLQGL GISWLGLRSLRELGSGLALIHNTHLCFVHTVPWDQLFRNPHQALLHTANRPEDECVGEGGLACH QLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLPREYVNRHCLPCHPECQPQNGSVTC FGPEADQCVACAHYKDPFVCVARCP SGVKPDL SYMPIWKFPDEEGACQPCINCTHSCVDLDDK GCPAEQRASPLTSII SAVVGILLVVVLGVVFGILIKRRQOKIRKYTMRRLLQETELVEPLTPSG AMPNQAQMRILKETELRKKVVLGSGAFGTVYKGIWIPDGENVKIPVAIKVLRENTS PKANKEIL DEAYVMAGVGSPPYVSRLLGICLTSTVQLVTQLMPYGCLLDHVRENRRGLSGDLLNWCMIKAG MSYLEDVRLVHRDLAARNVLVKS PNHVKITDFGLARLLDIDETEYHADGGKVP IKWMALESILR RRFTHQSDVWSYGVTVWELMTFGAKPYDGI PAREIPDLLEKGERLPQPPICTIDVYMIMVKCWM IDSECRPRFRELVSEFSRMARDPQRFVVIQNE DLGPASPLDSTFYRSLLEDDDMGDLVDAEEYL VPQQGFFCPDPAPGAGGMVHHRHRSSTRSGGGDLTLGLEPSEEEAPRSPLAPSEGAGSDVFDG DLGMGAAGLQSLPHTDPSPLQRYSEDPTVPLPSETDGYVAPLTCSPQPEYVNQPDVVRPQPPSP REGPLPAARPAGATLERPKT LSPGKNGVVKDVFAGGAVENPEYLTPQGGAAPQPHPPPAFSPA FDNLYYWDQDPPERGAPPSTFKGTPTAENPEYLGLDVVPV
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 311 peptides. Delivered in two sub pools of 156 & 155 peptides.
Storage, Stability	Store dry at -20°C or lower, best before if unopened 1 year after delivery
Solubility	Dissolve in a minimum amount of pure DMSO (approx. 40µl) 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.