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NCR, NKp46 ( Extracellular Ig-like domain ; 22-255aa, human), Recombinant, E.coli

产品货号: TP03109

第三版

别名:Natural cytotoxicity triggering receptor 1 isoform a, CD335, LY94, NK-p46

**描述:**A natural cytotoxicity receptor(NCR) NKp46 has been shown to represent a novel NK cell-specific molecule involved in human NK cell activation. The natural cytotoxicity receptors(NCRs) are a recently characterized family of Igl like activation receptors that appear to be major triggering receptors in tumor cell recognition. The three known NCRs include NKp46 and NKp30, which are expressed on circulating NK cells, and NKp44, which is expressed only on activating NK cells. NKp46 has been implicated in NK cell-mediated lysis of several autologous tumor cells and pathogen-infected cell lines. NKp46 has two extracellular Ig-like domains followed by a ~40 residue stalk region, a type I transmembrane domain, and a short cytoplasmic tail. The extracellular Ig-like domain of NKp46( 22-255aa) was overexpressed in E.coli, and purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer.

**配方:**Liquid. In phosphate buffered saline (pH 7.4) containing 1 mM EDTA

**分子量:**26.6 kDa (235 aa), confirmed by MALDI-TOF

**序列:**

MQQQTLPKPFIWAEPHFMPVPEKQVTICCGNYGAVEYQLHFEGSLFAVDRPKPPERINKVKFYIPDMNSRMAGQYSCI  
YRVGELWSEPSNLLDLVVTEMYDTPTLSVHPGPEVISGEEVTFYCRLDTATSMFLLLKEGRSSHVQRGYGKVVQAEFPLGPV  
TTAHRGTYRXFGSYNNHAWSPSEPVKLLVTGDIENSLAPEDPTFSADTWGTYLLTTETGLQKDHALWDHTAQN

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C 或者-70 ° C. 避免反复冻融.