

**AR51403PU-N****Human CD337 (19-138, His-tag) - Purified**

<b>Alternate names:</b>	1C7, LY117, NCR3, NKP30, Natural cytotoxicity triggering receptor 3
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml (determined by Bradford assay)
<b>Background:</b>	NCR3, also known as NKP30, is a natural cytotoxicity receptor (NCR) that may aid NK cells in the lysis of tumor cells. The encoded protein interacts with CD3-zeta (CD247), a T-cell receptor. A single nucleotide polymorphism in the 5' untranslated region of this gene has been associated with mild malaria susceptibility. Three transcript variants encoding different isoforms have been found for this gene.
<b>Uniprot ID:</b>	<a href="#">O14931</a>
<b>NCBI:</b>	<a href="#">NP_001138939</a>
<b>GeneID:</b>	<a href="#">259197</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
<b>Description:</b>	Recombinant human NCR3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> MGSSHHHHHH SGLVPRGSH MLWVSQPPEI RTLEGSSAFL PCSFNASQGR LAIGSVTWFR DEVVPGKEVR NGTPEFRGRL APLASSRFLH DHQAEIHIRD VRGHDASIYV CRVEVLGLGV GTGNGTRLVV EKEHPQLGAG T <b>Molecular weight:</b> 15.3 kDa (141aa) confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Venter J.C., et al. (2001) Science. 291:1304-1351 Gerhard D.S., et al. (2004) Genome Res. 14:2121-2127

Pictures:

