

Product datasheet for **AR51403PU-N**

CD337 (19-138, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD337 (19-138, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MLWVSQPPEI RTLEGSSAFL PCSFNASQGR LAIGSVTWFR DEVVPGKEVR NGTPEFRGRL APLASSRFLH DHQAEHIRD VRGHDASIYV CRVEVLGLGV GTGNGTRLVV EKEHPQLGAG T
Tag:	His-tag
Predicted MW:	15.3 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NCR3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001138938
Locus ID:	259197
UniProt ID:	O14931 , Q05D23
Cytogenetics:	6p21.33
Synonyms:	1C7; CD337; LY117; MALS; NKp30



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Summary:

The protein encoded by this gene 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.[provided by RefSeq, May 2010]

Protein Families:

Druggable Genome, ES Cell Differentiation/IPS

Protein Pathways:

Natural killer cell mediated cytotoxicity

Product images: