

## Product datasheet for **TP720326XL**

### **NCR3 (NM\_001145466) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human natural cytotoxicity triggering receptor 3 (NCR3), transcript variant 2
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	Leu19-Thr138
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	12.8 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	< 0.1 EU per µg protein as determined by LAL test
<b>Reconstitution Method:</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_001138938</a>
<b>Locus ID:</b>	259197
<b>UniProt ID:</b>	<a href="#">O14931</a> , <a href="#">Q05D23</a>
<b>Cytogenetics:</b>	6p21.33
<b>Synonyms:</b>	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:**