

Recombinant Human NCR1

Catalog No: C763

Description	Recombinant Human Natural Cytotoxicity Triggering Receptor 1 is produced by our Mammalian expression system and the target gene encoding Gln22-Asn254 is expressed with a Fc tag at the C-terminus.
Source	E.coli
Alternative name	Natural cytotoxicity triggering receptor 1;Lymphocyte antigen 94 homolog;NK cell-activating receptor;Natural killer cell p46-related protein;NK-p46;NKp46;hNKp46;CD335;NCR1;LY94;
Accession No.	O76036
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris,150mM NaCl, pH7.5.
Reconstitution	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Quality Control	<p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>
Shipping	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
Storage	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Amino Acid Sequence	<p>QQQTLPKPFIWAEPHFMPKEKQVTICCGNYGAVEYQLHFEGSLFAVDRPKPPERINKVKFYIPDMNSRM</p> <p>AGQYSCIYRVGELWSEPSNLLDLVVTEMYDTPTLSVHPGPEVISGEKVTFYCRLDTATSMFLLKTEGRSSHV</p> <p>QRGYGKVQAEFPLGPVTTAHRGTYRCFGSYNNHAWSPSEPVKLLVTGDIENTSLAPEDPTFPDWTGYLL</p> <p>TTETGLQKDHALWDHTAQNVDDIEGRMDPEKSCDK</p> <p>THTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPRE</p> <p>EQYNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSL</p> <p>TCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNH</p> <p>YTQKSLSLSPGK</p>
Background	Natural cytotoxicity triggering receptor 1(NCR1) is a single-pass type I membrane protein .It contains 2 Ig-like (immunoglobulin-like) domains and belongs to the natural cytotoxicity receptor (NCR) family. The protein is a natural killer (NK) lymphocyte-activating receptor. It is involved in major aspects of NK immune function and shows a high degree of lineage specificity in blood and bone marrow.

SDS-Page

