Product Name: Recombinant Human NCR3 (C-Fc)
Catalog #: PHH0336

Summary

Name	NKp30/CD337/NCR3
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Natural Cytotoxicity Triggering Receptor 3 is produced by our Mammalian expression system and the target gene encoding Leu19-Thr138 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	O14931
Host	Human Cells
Species	Human
Predicted Molecular Mass	40.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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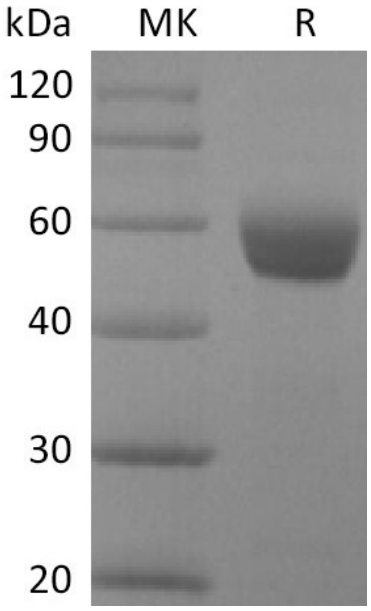

Alternative Names

Natural Cytotoxicity Triggering Receptor 3; Activating Natural Killer Receptor p30; Natural Killer Cell p30-Related Protein; NK-p30; NKp30; CD337; NCR3; 1C7; LY117

Background

Natural Cytotoxicity Triggering Receptor 3 (NCR3) along with NKp44 and NKp46 constitute a group of receptors termed "Natural Cytotoxicity Receptors". They play a major role in triggering NK-mediated killing of most tumor cells lines. NKp30 is a type I transmembrane protein having a single extracellular V-like immunoglobulin domain. NKp30 is selectively expressed both in resting and activated human NK cells. In addition, NKp30 is also involved in NK-mediated induction of dendritic cell (DC) maturation. It has been demonstrated that NK cell activation signaling specifically induces lytic activity against several tumor cell types and synthesis of new NF-κB dependent proteins during the initiation of cytotoxicity.

Note

For Research Use Only , Not for Diagnostic Use.