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32-7345: Recombinant Human NCR3/NKp30/CD337 (C-6His)

Gene : NCR3
Gene ID : 259197
Uniprot ID : O14931

Description

Source: Human Cells.
MW :12.84kD.
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 6His tag at the C-terminus. Natural Cytotoxicity Triggering Receptor 3 (NCR3) along with NKp44 and NKp46 constitute a group of receptors termed Â“Natural Cytotoxicity ReceptorsÂ”. 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-kB dependent proteins during the initiation of cytotoxicity.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	LWVSQPPEIRTLEGSSAFLPCSFNASQGRLAIGSVTWFRDEVVPGKEVRNGTPEFRGRLAPLASSRFLHDHQAE LHIRDVRGHDASIYVCRVEVLGLGVGTGNGTRLVVEKEHPQLGAGTVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.