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32-7864: Recombinant Mouse Natural Cytotoxicity Triggering Receptor 1/NCR1(C-6His)

Gene : Ncr1
Gene ID : 17086
Uniprot ID : Q8C567

Description

Source: Human Cells.
MW :53.5kD.
Recombinant Mouse Natural cytotoxicity triggering receptor 1 is produced by our expression system and the target gene encoding Glu22-Asn255 is expressed Natural cytotoxicity triggering receptor 1(NKp46/NCR1) is a single-pass type I membrane protein. It consists of two extracellular Ig-like domains followed by a short stalk region, a transmembrane domain containing a positively charged amino acid residue, and a short cytoplasmictail. NKp46 is predominantly expressed in the embryo. It has a positive charge in its transmembrane domain that permits association with the ITAM-bearing signal adapter proteins, CD3 zeta and Fc epsilon RI gamma. These receptors are expressed almost exclusively by NK cells and play a major role in triggering some of the key lytic activities of NK cells. Studies with neutralizing antibodies indicate that the three NCR are primarily responsible for triggering the NK-mediated lysis of many human tumor celllines.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .
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 :	EKETLPKPIIWAKPSIMVTNGNSVNIWCQGAQSASEYQLYFEGSFFALERPKPSRSMNKVRFFISQMTSHTAGIY TCFYQSGELWSKSSNPLKLVVTGLYDTPNLWVYPRPEVTLGENVTFFCQLKTATSKFFLLKERGSNHIQNKYGNI QAEFPMGPVTRAHRGTYRCFGSYNDYAWSFPSEPVTLLITGGVENSSLAPTDPTSSLDYWEFDLSTNESGLQK DSAFWDHTTQNDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDP EVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPR EPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ QGNVFSCSVMHEALHNHYTQKSLSLSPGK

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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.