

Ncr1, 17-255aa, Mouse, hlgG-His-tag, Baculovirus

Cat.NO.: TP03110

3th Edition

Synonyms:Natural cytotoxicity triggering receptor 1, Ncr1, Ly96, NKp46

Description:Ncr1, as known as natural cytotoxicity triggering receptor 1, is a natural killer cell p46-related protein. This protein, along with NKp30 and NKp44, are activating receptors that belongs to the natural cytotoxicity receptor family. These receptors are expressed by NK cells in the peripheral blood and spleen expresses NKp46 in both resting and activated states. Also, it may contribute to the increased efficiency of activated NK cells to mediate tumor cell lysis. Recombinant mouse Ncr1, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:54.4kDa (481aa), 50-70kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADLQRINTEKETLPKPIIWAKPSIMVTNGNSVNIWCQGAQSASEYQLYFEGSFFALERPKPSRSMNKVRRFFISQMTS
HTAGIYTCFYQSGELWSKSSNPLKLVVTGLYDTPNLWVYPRPEVTLGENVTFQCQLKTATSKFFLLKERGSNHIQNK
YGNIQAEFPMGPVTRAHRGTYRCFGSYNDYAWSFPSEPVTLITGGVENSSSLAPTDPTSSLDYWEFDLSTNESGL
QKDSAFWDHTTQNLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFN
WYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTL
PPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSS
VMHEALHNHYTQKSLSLSPGKHHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.