

Recombinant Human NKp30/NCR3 protein (His tag)

Catalog No. PKSH031579

Note: Centrifuge before opening to ensure complete recovery of vial contents.

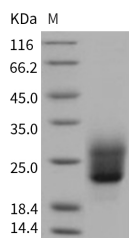
Description

Synonyms	Natural Cytotoxicity Triggering Receptor 3, Activating Natural Killer Receptor p30, Natural Killer Cell p30-Related Protein, NK-p30, NKp30, CD337, NCR3, 1C7, LY117, 1C7, DAAP-90L16.3, MALS
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Gly135
Accession	O14931
Calculated Molecular Weight	14.4 kDa
Observed molecular weight	25 kDa
Tag	C-His
Bioactivity	Testing in progress

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

Natural Cytotoxicity Triggering Receptor 3; NCR3; also known as NKp30; or CD337; is a natural cytotoxicity receptor; expressed on subsets of human peripheral blood NK cells; involved in NK cell killing of tumor cells and immature dendritic cells. The cellular ligand for NKp30 has remained elusive; but the membrane-associated heparan sulfate (HS) proteoglycans are involved in the recognition of cellular targets by NKp30 was recently reported. NKp30 is a member of the immunoglobulin superfamily and one of three existing natural cytotoxicity-triggering receptors. NKp30 is a glycosylated protein and is thought to be selectively expressed in resting and activated natural killer cells. NKp30 is a stimulatory receptor on human NK cells implicated in tumor immunity; and is capable of promoting or terminating dendritic cell maturation. NCR3 may play a role in inflammatory and infectious diseases.