

For Research Use Only

Recombinant Human NCR3 protein (Myc Tag, His Tag)



Catalog Number: Eg31663

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: Myc Tag, His Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <1.0 EU/μg protein, LAL method</p> <p>Source: HEK293-derived Human NCR3 protein Leu19-Gly135 (Accession# O14931-1) with a Myc tag and a His tag at the C-terminus.</p> <p>GeneID: 259197</p> <p>Accession: O14931-1</p> <p>Predicted Molecular Mass: 18.4 kDa</p> <p>SDS-PAGE:</p> <p>Formulation: Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>NKp30 (CD337) (NCR3) is a 30kDa type I transmembrane protein characterized by a single V-type immunoglobulin (Ig) extracellular domain. NKp30 expression is mostly restricted to NK cells, although recent studies found this NCR to be present on the surface of additional immune cells, including γδ T cells and Innate Lymphoid Cells (ILCs). NKp30 is involved in NK cell-mediated killing of various tumor cell lines, virus-infected cells, and also of autologous dendritic cells (DCs) during the so-called "editing" process.</p>		
References	<ol style="list-style-type: none">1. Pende, D et al. The Journal of experimental medicine vol. 190,10 (1999): 1505-16.2. Hudspeth, Kelly et al. Blood vol. 119,17 (2012): 4013-6.3. Di Vito, Clara et al. Seminars in immunology vol. 41 (2019): 101272.		
Synonyms	1C7, CD337, LY117, MALS, Natural killer cell p30-related protein		

For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

