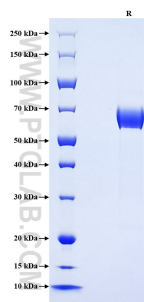


# Recombinant Rat NKp46/NCR1 protein (rFc Tag)

Catalog Number: Eg1469

Basic Information	Species: Rat	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p><b>Purity:</b> &gt;90 %, SDS-PAGE</p> <p><b>Endotoxin Level:</b> &lt;0.1 EU/ µg protein, LAL method</p> <p><b>Source:</b> HEK293-derived Rat NKp46 protein Gln17-Arg258 (Accession# Q9Z0H5) with a rabbit IgG Fc tag at the C-terminus.</p> <p><b>GeneID:</b> 117547</p> <p><b>Accession:</b> Q9Z0H5</p> <p><b>Predicted Molecular Mass:</b> 53.8 kDa</p> <p><b>SDS-PAGE:</b> 60-70 kDa, reducing (R) conditions</p> <p><b>Formulation:</b> Lyophilized from 0.22 µm filtered solution in 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><b>Storage:</b> It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"><li>• Until expiry date, -20°C to -80°C as lyophilized proteins.</li><li>• 3 months, -20°C to -80°C under sterile conditions after reconstitution.</li></ul> <p><b>Shipping:</b> 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>NKp46, also known as NCR1 or CD335, is an Ig-like superfamily cell surface receptor that is highly conserved in mammals. NKp46 is a type I transmembrane glycoprotein consisting of two extracellular Ig-like domains, a transmembrane domain, and an intracellular tail. It is expressed on NK cells, rare T-cell subsets and a mucosal population of NKp46+ innate lymphoid cells. NKp46 is the major triggering receptor involved in the natural cytotoxicity.</p>		
References	<ol style="list-style-type: none"><li>1.Narni-Mancinelli E, et al. (2011) Proc Natl Acad Sci U S A. 108(45):18324-9.</li><li>2.Pessino A, et al. (1998) J Exp Med. 188(5):953-60.</li><li>3.Sivori S, et al. (1999) Eur J Immunol. 29(5):1656-66.</li><li>4.Biassoni R, et al. (1999) Eur J Immunol. 29(3):1014-20.</li><li>5.Westgaard IH, et al. (2004) J Leukoc Biol. 76(6):1200-6.</li></ol>		
Synonyms	Activating receptor 1, Ar1, CD335, Klr1, Ly94		

## Selected Validation Data



Purity of Recombinant Rat NKp46 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

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

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