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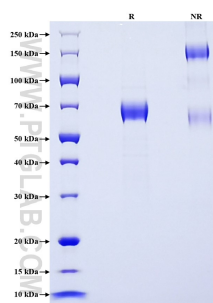
Recombinant Mouse NKp46/NCR1 protein (rFc Tag)



Catalog Number: Eg1825

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Mouse NKp46 protein Gln17-Asn255 (Accession# Q8C567) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 17086</p> <p>Accession: Q8C567</p> <p>Predicted Molecular Mass: 53.4 kDa</p> <p>SDS-PAGE: 60-70 kDa, reducing (R) conditions</p> <p>Formulation: 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>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>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">1.Narni-Mancinelli E, et al. (2011) Proc Natl Acad Sci U S A. 108(45):18324-9.2.Pessino A, et al. (1998) J Exp Med. 188(5):953-60.3.Narni-Mancinelli E, et al. (2011) Proc Natl Acad Sci U S A. 108(45):18324-9.4.Sivori S, et al. (1999) Eur J Immunol. 29(5):1656-66.5.Biassoni R, et al. (1999) Eur J Immunol. 29(3):1014-20.6.Westgaard IH, et al. (2004) J Leukoc Biol. 76(6):1200-6.		
Synonyms	Ncr1, Activating receptor 1, CD335, Ly94, Lymphocyte antigen 94		

Selected Validation Data



Purity of Recombinant Mouse Nkp46 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

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

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