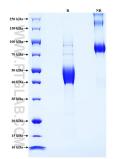
For Research Use Only Recombinant Human CD3 gamma protein (rFc Tag)



Catalog Number: Eg2147

Basic Information	<mark>Species:</mark> Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE		
	<mark>Endotoxin Level:</mark> <0.1 EU/ μ g protein, LAL method		
	Source: HEK293-derived Human CD3 gamma protein Gln23-Ser116 (Accession# P09693) with a rabbit IgG Fc tag at the C- terminus.		
	GenelD: 917		
	Accession: P09693		
	Predicted Molecular Mass: 37.0 kDa		
	SDS-PAGE: 40-55 kDa, reducing (R) conditions		
	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.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the	protein be aliquoted for optimal storag	e. Avoid repeated freeze-thaw cycles.
	 Until expiry date, -20°C to -80°C as lyophilized proteins. 3 months, -20°C to -80°C under sterile conditions after reconstitution. 		
	Shipping: The product is shipped at ar temperature.	nbient temperature. Upon receipt, stor	e it immediately at the recommended
Reconstitution	Briefly centrifuge the tube	before opening. Reconstitute at 0.1-0.5	mg/mL in sterile water.
Background	acids, a transmembrane reg	ion, and a cytoplasmic domain of 45 am tion, CD3 gamma plays an essential role	receptor (TCR). The TCR/CD3 complex of T- ta heterodimer coexpressed at the cell ssilon, zeta, and eta. The TCR recognizes les. TCR-mediated peptide-MHC cellular signal transduction. CD3 ists of an extracellular domain of 94 amino ino acids. In addition to this role of signal e in the dynamic regulation of TCR
References	1. J Dietrich, et al. (1994) EM 2. J Dietrich, et al. (1996) J C 3. E A Padlan, et al. (1997) Cu 4. Clifford S Guy, et al. (2009	ell Biol. 132(3):299-310.	
Synonyms	CD3G, CD3 gamma, CD3-gar	nma, T cell receptor T3 gamma chain, T3	G

Selected Validation Data



Purity of Recombinant Human CD3 gamma 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.

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