

Datasheet for ABIN7597454

LY6E Protein (AA 21-100) (Fc Tag)



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Overview

Quantity:	10 µg
Target:	LY6E
Protein Characteristics:	AA 21-100
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LY6E protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human LY6E Protein with C-terminal human Fc tag
Sequence:	LY6E(Leu21-Phe100) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	LY6E
Alternative Name:	LY6E (LY6E Products)
Background:	<p>RIGE, SCA2, RIG-E, SCA-2, TSA-1</p> <p>This gene belongs to the human Ly6 gene family and encodes a glycosylphosphatidyl-inositol (GPI)-anchored cell surface protein. The protein plays an important role in T cell physiology, oncogenesis and immunological regulation. The protein is also involved in modulation of viral</p>

Target Details

	infection by coronaviruses, SARS-CoV, MERS-CoV and SARS-CoV-2. [provided by RefSeq, Aug 2021]
Molecular Weight:	predicted molecular mass of 34.5 kDa after removal of the signal peptide.
UniProt:	Q16553
Pathways:	Hormone Transport

Application Details

Application Notes:	<p>Extracellular Domain Proteins (ECD) can be used as:</p> <ul style="list-style-type: none">• Immunogens for antibody drug development• Reagents used for CAR-T positive cell monitoring• Reagents for antibody screening and functional testing• Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	<p>Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).</p> <p>Lyophilized proteins are shipped at ambient temperature.</p>
Expiry Date:	12 months