

Datasheet for ABIN7597394

QRFPR Protein (AA 1-45) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	QRFPR
Protein Characteristics:	AA 1-45
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This QRFPR protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human QRFPR Protein with C-terminal human Fc tag
Sequence:	QRFPR(Met1-Lys45) 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:	QRFPR
Alternative Name:	QRFPR (QRFPR Products)
Background:	AQ27, GPR103, SP9155 Enables G protein-coupled receptor activity. Involved in G protein-coupled receptor signaling pathway. Predicted to be located in non-motile cilium. [provided by Alliance of Genome Resources, Nov 2024]

Target Details

Molecular Weight:	predicted molecular mass of 31.5 kDa after removal of the signal peptide. The apparent molecular mass of QRFPR-hFc is 35-55 kDa due to glycosylation.
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UniProt:	Q96P65
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Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <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
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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.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
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Storage:	-20 °C,-80 °C
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Storage Comment:	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). Lyophilized proteins are shipped at ambient temperature.
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Expiry Date:	12 months
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