

Datasheet for ABIN7597449

ZNRF3 Protein (AA 99-330) (Fc Tag)



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Overview

Quantity:	10 µg
Target:	ZNRF3
Protein Characteristics:	AA 99-330
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNRF3 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human ZNRF3 Protein with N-terminal human Fc tag
Sequence:	hFc(Glu99-Ala330) ZNRF3(Lys56-Met219)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ZNRF3
Alternative Name:	ZNRF3 (ZNRF3 Products)
Background:	RNF203, BK747E2.3 Enables frizzled binding activity and ubiquitin-protein transferase activity. Involved in cellular protein metabolic process and negative regulation of Wnt signaling pathway. Is integral component of plasma membrane. [provided by Alliance of Genome Resources, Apr 2022]

Target Details

Molecular Weight:	predicted molecular mass of 44.3 kDa after removal of the signal peptide. The apparent molecular mass of hFc-ZNRF3 is 35-55 kDa due to glycosylation.
UniProt:	Q9ULT6
Pathways:	WNT Signaling

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
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:	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.
Expiry Date:	12 months