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Datasheet for ABIN7490982 RNF43 Protein (mFc Tag)

Overview

Quantity:	100 µg
Target:	RNF43
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNF43 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human RNF43 protein with C-terminal mouse Fc tag
Specificity:	RNF43 (Glu43-Tyr197) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	RNF43
Alternative Name:	RNF43 (RNF43 Products)
Background:	<p>RNF124, SSPCS, URCC</p> <p>Description: The protein encoded by this gene is a RING-type E3 ubiquitin ligase and is predicted to contain a transmembrane domain, a protease-associated domain, an ectodomain, and a cytoplasmic RING domain. This protein is thought to negatively regulate Wnt signaling,</p>

Target Details

and expression of this gene results in an increase in ubiquitination of frizzled receptors, an alteration in their subcellular distribution, resulting in reduced surface levels of these receptors. Mutations in this gene have been reported in multiple tumor cells, including colorectal and endometrial cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2015]

Molecular Weight: predicted molecular mass of 39.4 kDa after removal of the signal peptide. The apparent molecular mass of RNF43-mFc is 40-70 kDa due to glycosylation.

UniProt: [Q68DV7](#)

Pathways: [WNT Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 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