Datasheet for ABIN7092774

FZD4 Protein (AA 37-180) (Fc Tag)

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Overview

Quantity:	100 µg
Target:	FZD4
Protein Characteristics:	AA 37-180
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FZD4 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human FZD4 with C-terminal human Fc tag
Specificity:	FZD4 (Phe37-Glu180) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FZD4
Alternative Name:	FZD4 (FZD4 Products)
Background:	This gene is a member of the frizzled gene family. Members of this family encode seven-

Target Details

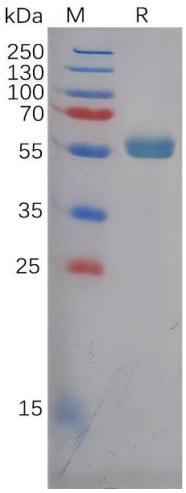
	transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic sequence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence. [provided by RefSeq, Jul 2008]
Molecular Weight:	predicted molecular mass of 42.4 kDa after removal of the signal peptide. The apparent molecular mass of FZD4-hFc is 55-70 kDa due to glycosylation.
UniProt:	Q9ULV1
Pathways:	WNT Signaling, Hormone Transport, Sensory Perception of Sound

Application Details

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



SDS-PAGE

Image 1. Human Protein, hFc Tag on SDS-PAGE under reducing condition.