PRODUCT INFORMATION

Target	FZD4
Synonyms	CD344;EVR1;FEVR;Fz-4;Fz4;FZD4S;FzE4;GPCR;hFz4
Description	Recombinant Human FZD4 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9ULV1
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	FZD4(Phe37-Glu180) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 42.4 kDa after removal of the signal peptide. The apparent molecular mass of FZD4-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	This gene is a member of the frizzled gene family. Members of this family encode seven-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]
Usage	Research use only
Conjugate	Unconjugated

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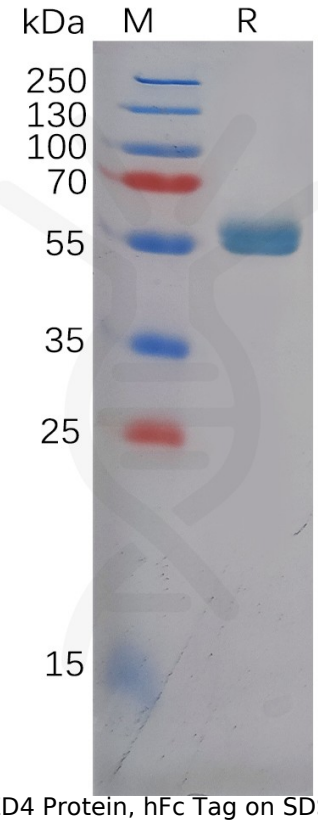


Figure 1. Human FZD4 Protein, hFc Tag on SDS-PAGE under reducing condition.

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