Recombinant Human Frizzled-4/FZD4 Protein (Fc Tag)

Catalog Number:PKSH030493

Note: Centrifuge before opening to ensure complete recovery of vial contents.

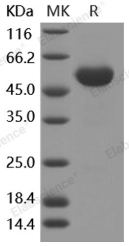
Description

Synonyms	CD344;EVR1;FEVR;Fz-4;Fz4;FZD4S;FzE4;GPCR;hFz4
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Glu180
Accession	NP_036325.2
Calculated Molecular Weight	43.3 kDa
Tag	C-hFc

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.