

Recombinant Human PORCN Protein (M1-G461 end, remove 219-228aa, C187A, A194S, K231G, R232T, K233M, A234V), GFP-Flag tagged

Cat. No. PORCN-0911H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PORCN(M1-G461 end) (remove 219-228aa) (C187A, A194S, K231G, R232T, K233M, A234V)-TEV-GFP-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-G461 end, remove 219-228aa, C187A, A194S, K231G, R232T, K233M, A234V
Description	Protein-serine O-palmitoleoyltransferase that acts as a key regulator of the Wnt signaling pathway by mediating the attachment of palmitoleate, a 16-carbon monounsaturated fatty acid (C16:1), to Wnt proteins. Serine palmitoleylation of WNT proteins is required for efficient binding to frizzled receptors.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	95%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 25 mM HEPES (pH 7.3), 300 mM NaCl, 4 mM DM, 0.1 mg/ml POPS.
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	PORCN porcupine O-acyltransferase [Homo sapiens (human)]
Official Symbol	PORCN
Synonyms	PORCN; porcupine O-acyltransferase; PPN; DHOF; FODH; MG61; PORC; protein-serine O-palmitoleoyltransferase porcupine; porcupine homolog; probable protein-cysteine N-palmitoyltransferase porcupine; EC 2.3.1.250
Gene ID	64840
mRNA Refseq	NM_203475
Protein Refseq	NP_982301
MIM	300651
UniProt ID	Q9H237

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