

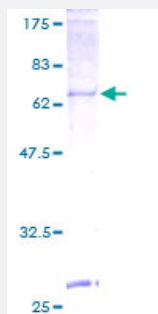
Full-Length

PORCN (Human) Recombinant Protein (P01)

Catalog # H00064840-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PORCN full-length ORF (AAH19080, 43 a.a. - 456 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

WRLGLPSYLKHASTVAGGFFSLYHFFQLH^{MM}VVVLLSLLCYLVFLCRHSSHRGVFLSVTILMLLM
GEMH^{MM}VDVTW^{HK}MRGAQMMVAMKAVSLGFDLDRGEVGTVPSPVEFMGYLYFVGTVFGPWISF
HSYLQAVQGRPLSCRWLQKVARSLALALLCLVLSTCVGPYLPYFIPLNGDRLLRNKKRKARWLR
AYESAVSFHFSNYFVGFLSEATATLAGAGFTEEKDHLEWDLTVSKPLNVELPRSMVEVVTSWNL
PMSYWLNNYVFKNALRLGTFSAVLVTYAASALLHGFSFH^{LA}AVLLSLAFITYVEHVL^{RK}RLARILSA
CVLSKRCPPDCSHQHRLGLGVRALNLLFGALAIFHLAYLGS^{LD}VDVD^{DD}TTEEQGYGMAYTVHK
WSEL^{SW}ASHWVTFGCWIFYRLIG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.06

Interspecies Antigen Sequence

Mouse (96); Rat (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PORCN

Entrez GeneID	64840
GeneBank Accession#	BC019080
Protein Accession#	AAH19080
Gene Name	PORCN
Gene Alias	DHOF, FODH, MG61, MGC29687, PORC, PPN, por
Gene Description	porcupine homolog (Drosophila)
Omim ID	300651 305600
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the evolutionarily conserved porcupine (Porc) gene family. Genes of the Porc family encode endoplasmic reticulum proteins with multiple transmembrane domains. Porcupine proteins are involved in the processing of Wnt (wingless and int homologue) proteins. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]
Other Designations	2410004O13Rik OTTHUMP00000025784 OTTHUMP00000025785 porcupine

Pathway

- [Wnt signaling pathway](#)