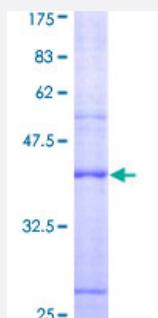


PRKCSH (Human) Recombinant Protein (Q01)

Catalog # H00005589-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PRKCSH partial ORF (AAH13586, 268 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ISFDFGPNGEFAYLYSQCYELTTNEYVYRLCPFKLVSQPKLGGSPSTSLGTWGSWIGPDHDKFSA MKYEQGTGCWQGPNRSTTVRLLCGKETMVTSTTEPSRCEYLMELM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
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 — PRKCSH

Entrez GeneID	5589
GeneBank Accession#	BC013586
Protein Accession#	AAH13586
Gene Name	PRKCSH
Gene Alias	AGE-R2, G19P1, PCLD, PLD1
Gene Description	protein kinase C substrate 80K-H
Omim ID	174050 177060
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the beta-subunit of glucosidase II, an N-linked glycan-processing enzyme in the endoplasmic reticulum (ER). This protein is an acidic phospho-protein known to be a substrate for protein kinase C. Mutations in this gene have been associated with the autosomal dominant polycystic liver disease (PCLD). Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]
Other Designations	AGE-binding receptor 2 glucosidase II, beta subunit hepatocystin protein kinase C substrate, 80 KDa protein

Disease

- [Cysts](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)

- [Genetic Predisposition to Disease](#)
- [Liver Diseases](#)