

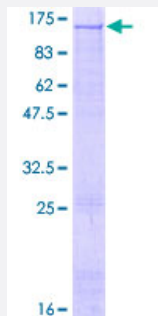
Full-Length

RECK (Human) Recombinant Protein (P01)

Catalog # H00008434-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RECK full-length ORF (NP_066934.1, 1 a.a. - 971 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATVRASLRGALLLLAVAGVAEVAGGLAPGSAGALCCNHSKDNQMCRDVCEQIFSSKSESRL
KHL LQRAPDYCPETMVEIWNCMNSSLPGVFKKSDGWVGLGCC ELAIALECRQACKQASSKNDIS
KVC RKEYENALFSCISR NEMGSVCCSYAGHHTNCREYCQAIFRTDSSPGPSQIKAVENYCASISP
QLIHC VNNTQSYPMRNPTDSL YCCDRAEDHACQNACKRILMSKKTEMENDGLIEGCKTQPLPQ
DPLWQC FLESSQSVHPGVTVHPPSTGLDGAKLHCCSKANTSTCRELCTKLYSM SWGNTQSW
QEFDRFCEYNPVEVSM L TCLADVREPCQLGCRNLTYCTNFNNRPTELFRSCNAQSDQGAMNDM
KLWEKGS IKMPFINIPVLDIKKCQPEMWKAIACSLQIKPCHSKSRGSIICKSDCVEILKKCGDQNKF
PEDHTAESICELLSP TDDLKNCIPLD TYLRPSTLGNMEEVTHPCNPNPCANELCEVNRKGCP SG
DPCLPYFCVQGCKLGEASDFMRQGT LIQVPSSAGEVGCYKICSCGQSGLLENCMEMHCIDLQKS
CIVGGKRKSHGTSFSIDCNVCSCFAGNLVCSTR LCLSEHSSDDRFTFTGLPCNCADQFVPVCG
QNGRTYPSACIARCVGLQDHQFEFGSCMSKDPCNPNPCQKNQRCIPKPQVCLTTFDKFGCSQY
ECVPRQLACDQVQDPVCDTDHMEHNNLCTLYQRGKSLSYKGPCQPF CRATEPVC GHNGETYSS
VCAAYS DRVAVDYYGDCQAVGVLSEHSSVAECASVKCPSLLAAGCKPIIPGACCP LCAGMLRV
LFDKEKLD TIAKV TNKKPITVLEILQKIRMHVSVPQCDVFGYFSIESEMILIPVDHYPKALQIEACNKE
AEKIESLINS DSPTLASHVPLSALISQVQVSSSVPSAGVRARPSCHSLLLPLSLGLALHLLWTYN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

132.9

Interspecies Antigen Sequence

Mouse (94); Rat (87)

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 — RECK

Entrez GeneID[8434](#)**GeneBank Accession#**[NM_021111.1](#)**Protein Accession#**[NP_066934.1](#)**Gene Name**

RECK

Gene Alias

ST15, hRECK

Gene Description

reversion-inducing-cysteine-rich protein with kazal motifs

Omim ID[605227](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a cysteine-rich, extracellular protein with protease inhibitor-like domains whose expression is suppressed strongly in many tumors and cells transformed by various kinds of oncogenes. In normal cells, this membrane-anchored glycoprotein may serve as a negative regulator for matrix metalloproteinase-9, a key enzyme involved in tumor invasion and metastasis. [provided by RefSeq]

Other Designations

OTTHUMP00000021369|RECK protein|membrane-anchored glycoprotein (metastasis and invasion)|suppression of tumorigenicity 15 (reversion-inducing-cysteine-rich protein with kazal motifs)|suppression of tumorigenicity 5 (reversion-inducing-cysteine-rich protein)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)