

# Recombinant Full Length Human RECK Protein, GST-tagged

**Cat. No.** RECK-6832HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human RECK full-length ORF ( NP_066934.1, 1 a.a. - 971 a.a.) recombinant protein with GST-tag at N-terminal was expressed in vitro wheat germ expression system.                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 971 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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. Several transcript variants encoding different isoforms have been found for this gene. |
| <b>Molecular Mass</b>   | 132.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MATVRASLRGALLLLAVAGVAEVAGGLAPGSAGALCCNHSKDNQMCRDVCEQIFS<br>SKSESRLKHLLQRAPDYCPETMVEIWNCMNSSLPGVFKKSDGWVGLGCCCLAIALE<br>CRQACKQASSKNDISKVCRKEYENALFSCISRNEMGSVCCSYAGHHTNCREYCQAI<br>FRTDSSPGPSQIKAVENYCASISPQLIHCVNNTQSYPMRNPTDSLYCCDRAEDHAC<br>QNACKRILMSKKTEMEIVDGLIEGCKTQPLPQDPLWQCFLESSQSVHPGVTVHPPP<br>STGLDGAKLHCCSKANTSTCRELCTKLYSMSWGNTQSWQEFDRFCEYNPVEVSML<br>TCLADVREPCQLGCRNLTYCTNFNNRPTELFRCNAQSDQGAMNDMKLWEKGSIK                                                                      |

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MPFINIPVLDIKKCQPEMWKAIACSLQIKPCHSKSRGSIICKSDCVEILKKCGDQNKFP  
 EDHTAESICELLSPTDDLKNCIPLDYLRLPSTLGNIVEEVTHPCNPNPCPANELCEVN  
 RKGCPSGDPCLPYFCVQGCKLGEASDFIVRQGTLIQVPSSAGEVGCYKICSCGQSG  
 LLENCMEMHCIDLQKSCIVGGKRKSHGTSFSIDCNVCSCFAGNLVCSTRCLLSEHSS  
 EDDRRTFTGLPCNCADQFVPVCGQNGRTYPSACIARCVGLQDHQFEFGSCMSKDP  
 CNPNPCQKNQRCIPKPQVCLTTFDKFGCSQYECVPRQLACDQVQDPVCDTDHMEH  
 >NNLCTLYQRGKSLSYKGPCQPFCRATEPVCGHNGETYSSVCAAYS DRVAVDYYGD  
 CQAVGVLSEHSSVAECASVKCPSLLAAGCKPIPPGACCPLCAGMLRVLFDKEKLDTI  
 AKVTNKKPITVLEILQKIRMHVSV PQCDVFGYFSIESEIVILIIPVDHYPKALQIEACNKE  
 AEKIESLINS DSPTLASHVPLSALIISQVQVSSSVPSAGVRARPSCHSLLLPLSLGLAL  
 HLLWTYN

**Applications**

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

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

RECK reversion inducing cysteine rich protein with kazal motifs [ Homo sapiens (human) ]

**Official Symbol**

RECK

**Synonyms**

RECK; reversion inducing cysteine rich protein with kazal motifs;

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|                |           |
|----------------|-----------|
| Gene ID        | 8434      |
| mRNA Refseq    | NM_021111 |
| Protein Refseq | NP_066934 |
| MIM            | 605227    |
| UniProt ID     | O95980    |

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