

Recombinant Full Length Human RECK Protein, GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	971 amino acids
Description	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.
Molecular Mass	132.9 kDa
AA Sequence	MATVRASLRGALLLLAVAGVAEVAGGLAPGSAGALCCNHSKDNQMCRDVCEQIFS SKSESRLKHLLQRAPDYCPETMVEIWNCMNSSLPGVFKKSDGWVGLGCCELAIALE CRQACKQASSKNDISKVCRKEYENALFSCISRNEMGSVCCSYAGHHTNCREYCQAI FRTDSSPGPSQIKAVENYCASISPQLIHCVNNTQSYPMRNPTDSLYCCDRAEDHAC QNACKRILMSKKTEMEIVDGLIEGCKTQPLPQDPLWQCFLSSQSVHPGVTVHPPP STGLDGAKLHCCSKANTSTCRELCTKLYSMSWGNTQSWQEFDRFCEYNPVEVSML TCLADVREPCQLGCRNLTYCTNFNNRPTELFRCNAQSDQGAMNDMKLWEKGSIK

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MPFINIPVLDIKKCQPEMWKAIACSLQIKPCHSKSRGSIICKSDCVEILKKCGDQNKFP
 EDHTAESICELLSPTDDLKNCIPLDYLTPSTLGNIVEEVTHPCNPNPCPANELCEVN
 RKGCPSGDPCLPYFCVQGCKLGEASDFIVRQGTLIQVPSSAGEVGCYKICSCGQSG
 LLENCMEMHCIDLQKSCIVGGKRKSHGTSFSIDCNVCSCFAGNLVCSTRCLSEHSS
 EDDRRTFTGLPCNCADQFVPVCGQNGRTYPSACIARCVGLQDHQFEFGSCMSKDP
 CNPNPCQKNQRCIPKPQVCLTTFDKFGCSQYECVPRQLACDQVQDPVCDTDHMEH
 >NNLCTLYQRGKSLSYKGPCQPFCRATEPVCGHNGETYSSVCAAYS DRVAVDYYGD
 CQAVGVLSEHSSVAECASVKCPSLLAAGCKPIIPPGACCPLCAGMLRVLFDKEKLDTI
 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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