

## Recombinant Human RDRC protein, GST-tagged

Cat. No. RDRC-2241H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RDRC (C-106aa) fused with GST tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-106aa
<b>Form</b>	1M PBS (58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH8.0 ), 100 mM GSH and 1% Triton X-100, 15% glycerol.
<b>Molecular Mass</b>	38 kDa
<b>AA Sequence</b>	VLTLAIILEAVNLPVDHISLILAVDWLVDRSCTVLNVEGDALGAGLLQNYVDRTESRST EPELIQVKSELPLDPL PLPTEEGNPLLKHYRGPAGDATVASEKESVM
<b>Stability</b>	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
<b>Shipping</b>	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

### GENE INFORMATION

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<b>Gene Name</b>	SLC1A5 solute carrier family 1 (neutral amino acid transporter), member 5 [ Homo sapiens ]
<b>Official Symbol</b>	SLC1A5
<b>Synonyms</b>	SLC1A5; solute carrier family 1 (neutral amino acid transporter), member 5; M7V1, RDRC; neutral amino acid transporter B(0); AAAT; ASCT2; ATB(0); RD114 virus receptor; baboon M7 virus receptor; neutral amino acid transporter B; solute carrier family 1 member 5; RD114/simian type D retrovirus receptor; sodium-dependent neutral amino acid transporter type 2; R16; ATBO; M7V1; RDRC; M7VS1; FLJ31068;
<b>Gene ID</b>	6510
<b>mRNA Refseq</b>	NM_001145144
<b>Protein Refseq</b>	NP_001138616
<b>MIM</b>	109190
<b>UniProt ID</b>	Q15758
<b>Chromosome Location</b>	19q13.3
<b>Pathway</b>	Amino acid transport across the plasma membrane, organism-specific biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of inorganic cations/anions and amino acids/oligopeptides, organism-specific biosystem;

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**Function**

L-glutamine transmembrane transporter activity; neutral amino acid transmembrane transporter activity; receptor activity; sodium:dicarboxylate symporter activity; symporter activity;

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