

Recombinant Human RDRC protein, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	SLC1A5 solute carrier family 1 (neutral amino acid transporter), member 5 [Homo sapiens]
Official Symbol	SLC1A5
Synonyms	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;
Gene ID	6510
mRNA Refseq	NM_001145144
Protein Refseq	NP_001138616
MIM	109190
UniProt ID	Q15758
Chromosome Location	19q13.3
Pathway	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;

Function

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

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