

Specifications:

Gene:	hSLC15A3
Accession:	NP_057666
Insert size:	1759bp
Concentration:	10µg at 0.2µg/µL

hSLC15A3 cDNA Plasmid

**SLC15A3 solute carrier family 15
(oligopeptide transporter),
member 3 [*Homo sapiens*
(human)]**

Also known as: OCTP; PHT2; PTR3

Summary:

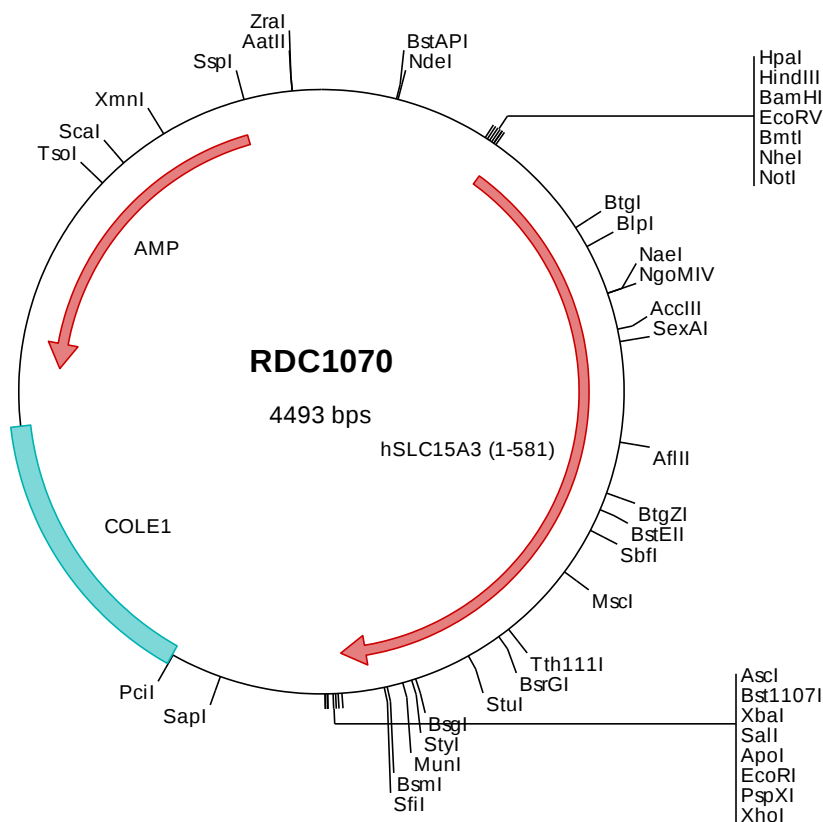
SLC15A3 is a member of the PTR2/POT transporter family. It is a proton oligopeptide cotransporter. SLC15A3 transports free histidine and certain di- and tripeptides. It has been found to colocalize with lysosome-associated membrane protein 1 (LAMP-1) when transfected into HEK293 cells.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





> RDC1070 Plasmid DNA Sequence

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1   tcgcgcggtt   cggatgatgac   ggtgaaaacc   tctgacacat   gcagctcccg   gagacggtca   cagcttgtct   gtaagcggat   gccgggagca   gacaagcccg
101  tcagggcgcg   tcagcgggtg   ttggcgggtg   tcggggctgg   cttactatg   cggcatcaga   gcagattgta   ctgagagtgc   accatatgcg   gtgtgaaata
201  ccgcacagat   gcgtaaggag   aaaataccgc   atcaggcgcc   attcgccatt   caggctgcgc   aactgttggg   aagggcgatc   ggtgcgggcc   tcttcgctat
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> RDC1070 Translated Insert Sequence

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1   mpaprareqp   rvpgerqpll   prgargprrr   rraagaavll   vemleraaff   gvtanlvlyl   nstnfnwtge   qatraalvfl   gasyllapvg   gwladvylgr
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201  wfywsinlga   vlslvvafii   qqnisflilgy   sipvgcvglg   ffilflfatpv   fitkppmgsq   vssmlklalq   nccpqlwrh   sardrqcarv   laderspqpg
301  aspqedianf   qvlvkilpvm   vtlvpywmvy   fmqgstyvlq   glhlhipnif   panpanisva   lraqgssyti   peawlllanv   vvvlllvplk   drlidpillr
401  ckllpsalqk   malgmffgft   svivagvlm   erlhyihhne   tvsqiqigevl   ynaaplsiww   qipqylligi   seifasipgl   efayseaprs   mqgaimgiff
501  clsgvgslilg   sslvallslp   gglwhcpkdf   gnninrcmdl   yfllilagiqa   vtallfwia   gryerasqgp   ashsrfsrdr   g
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