

## Product datasheet for TP519633

### Rsc1a1 (NM\_023544) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse regulatory solute carrier protein, family 1, member 1 (Rsc1a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219633 representing NM_023544 Red=Cloning site Green=Tags(s)

MSSLPTSDGFDHPAPSGQSPEVGSPTSLARSVSASVCAIKPGDPNSIESLAMEATKASAEFQTNSKKTDP  
PPLQVLPDLASSAEQSLAMPFHKSSKEAVVAGNLEKSVEKGTQGLRVYLHTRQDASLTLTTTGMREPQIF  
AEEKSWHPENQTPSPVNLQQHRETGSVQREAGQQSVPQDQGCLCDAEDLEHEEVSLEALRKGELQRH  
AHLPSAEKGLPASGLCSCPCSEALMEVDTAEQSLVAMCSSTGRQDAVIKSPVAHLASDNPTMEVETLQS  
NPSCEPVEHSILTRELQLPEDNVDMSTMNDKDDNSSLLSGHGQPSVESAEFCSSVTVALKELHELLVI  
SCKPASEESPEHVTCQSEIGAESQPSVSDLSGRRVQSVHLTPSDQYSQGSCHQATSESGKTEIVGTAPCA  
AVEDEASTSFEGLDGLSPDREDVRRSTESARKSCSVAITSAKLSEQLPCTSGVEIAPELAASEGAHSQP  
SEHVHNPDPDRPETSSVCPGAGLPRSGLDQPPTQSLSTPSVLPPFFIPAADVDRILGAGFTLQEALGALH  
RVGGNADLALLVLLAKNIVPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	61.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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**RefSeq:** [NP\\_076033](#)

**Locus ID:** 69994

**UniProt ID:** [Q9ER99](#)

**RefSeq Size:** 2154

**Cytogenetics:** 4 D3

**RefSeq ORF:** 1746

**Synonyms:** 1700027M01Rik; OTTMUSG00000010365; Rs1

**Summary:** Mediates transcriptional and post-transcriptional regulation of SLC5A1. Inhibits a dynamin and PKC-dependent exocytotic pathway of SLC5A1. Also involved in transcriptional regulation of SLC22A2. Exhibits glucose-dependent, short-term inhibition of SLC5A1 and SLC22A2 by inhibiting the release of vesicles from the trans-Golgi network (By similarity). Regulates the expression of SLC5A1 in a tissue-specific manner and is specifically involved in its regulation in the small intestine.[UniProtKB/Swiss-Prot Function]