

Product datasheet for TP510105

Slc34a2 (NM_011402) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 34 (sodium phosphate), member 2 (Slc34a2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210105 representing NM_011402 Red =Cloning site Green =Tags(s)

MAPWPELENAQPNGKFI EGASGPQSSIPAKDKEASKTNDNGTPVAKTELLPSYSALVLIIEHPEGTDPW
DLPELQDTGIKWSE RDTKGKTL CIFQGVGKFILLGFLYLFVCSLDVLSA FQLVGGKVAGQFFS NNSIM
SNPVAGLVIGLVTVMVQSSSTSSSIIVSMVASSLLTVRAAPIIMGANIGTSITNTIVALMQAGDRNEF
RRAFAGATVHDFFNWLSV FVLLPLEAATHYLEILTNLVLETFFKFQNGEDAPDILKVITDPFTKLIQLDK
KVIQQIAMGDSAAQNKSLIKIWCKSITNVTEMNVTVPSTDNCTSPSYCWT DGIQTWTIQNVTQKENIAKC
QHIFVNFSLPDLAVGIILLTVSLVVL CGCLIMIVKLLG SVLRGQVATVIKKT LNTDFPFPFAWLTGYLAI
LVGAGMTFIVQSSSVFTSAMT PLIGIVISIERAYPLTLG SNIGTTTTAILAALASPGN TLRSSLQIALC
HFFFNISGILLWYPIPFTRLP IRLAKGLGNISAKYRWFVAVFYLI FFFFVTP LTVFGLSLAGWPVLVGVG
PIIIIIIIIVLCLRMLQFRCP RILPLKLRDWNFLPLWMHSLK PWDNVISLATT CFQRRCCCCCRVCCRVCC
MVCGCKCCRC SKCCRDQGE EEEEEKEQDIPVKASGAFD NAAMSKECQDEGKGQVEVLSMKALSNTTVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	76.7 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:	<u>NP_035532</u>
Locus ID:	20531
UniProt ID:	<u>Q9DBP0</u>
RefSeq Size:	4185
Cytogenetics:	5 28.92 cM
RefSeq ORF:	2091
Synonyms:	AA536683; D5Ert227e; NaPi-2b; Npt2b
Summary:	May be involved in actively transporting phosphate into cells via Na(+) cotransport. It may be the main phosphate transport protein in the intestinal brush border membrane. May have a role in the synthesis of surfactant in lungs' alveoli.[UniProtKB/Swiss-Prot Function]