

## Product datasheet for TP523001

### Slc34a3 (NM\_080854) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 34 (sodium phosphate), member 3 (Slc34a3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223001 representing NM_080854 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPNSLAGGQVPNPTLDAFDLVDRSLRNAGISGSIPGLEEGTDPWTFSPKLNADQLKEVGMASRLRRVVS  
SFLKACGLLGSLYFFICSLDILSSAFQLLGSKMAGDIFKDNVWLSNPVAGLVIGLVTVLVQSSSTSSSI  
VSMVASKLLTVQVSVPIIMGVNVGTSITSTLVSMAQSGDRDEFQRAFSGSAVHGIFNWLTVLVLLPLES  
ATAALERLSELALGAASLQPGQQAPDILKALTRPFTHLIIQLDSSVITSGITSNTTNSSLIKHWCGFRGE  
TPQGSSEGCGLFSSCTERNSSASPEEDRLLCHHLFAGSKLTDLAVGFILLAGSLLVLCVCLVLIVKLLNS  
VLKGRIAQAVKTVINADFPFPGWLSGYLAILVGAGLTFLLQSSSVFTAAIVPLMGVGVIDLERAYPLFL  
GSNIGTTTTALLAALASPADMLIFAVQVALIHFFFNLAGILLWYLPVLRPLIPLAKRFGNLTAQYRWVA  
IVYLLLTFLLLPLAAFGLSLAGGTVLAAVGGPLVGLVLLIILVNLVQHRPSWLPRCLQSWAWLPLWLHS  
LEPWDRVTACPCRACSNPMTSKVAHCYENPQVIASQQL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	64.4 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:	<a href="#">NP_543130</a>
Locus ID:	142681
UniProt ID:	<a href="#">Q80SU6</a>
RefSeq Size:	2054
Cytogenetics:	2 A3
RefSeq ORF:	1803
Synonyms:	Al649385; naPi-2c; Npt2c; Npt2c-v1; Nptllc
Summary:	May be involved in actively transporting phosphate into cells via Na(+) cotransport in the renal brush border membrane. Probably mediates 20-30% of the apical influx.[UniProtKB/Swiss-Prot Function]