

Product datasheet for TP510027

Slc3a1 (NM_009205) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 3, member 1 (Slc3a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210027 representing NM_009205 Red=Cloning site Green=Tags(s)

MDEDKGGKRDPIQMMSLKGCRITNNGFVQNEIPEQDPDPGSRDTPQPNVAVSIPAPEEPHLKAVRPYAGMPKE
VLFQFSGQARYRVPREILFWLTVSVFLLIGATIAIIVISPKCLDWWQAGPIYQIYPRSKDSDKDGNGD
LKGIEKLDYITALNIKTLWITSFYKSSLKDFRYAVEDFKEIDPIFGTMKDFENLVAAIHDKGLKLIIDF
IPNHTSDKHWPWFQSSRTRSGKYTDYIWHNCTHVNGVTPPNWLSVYGNSSWHFDEVRKQCYFHQFLKE
QPDLNFRNPAVQEEIKEIITFWLSKGVDFGSDAVKFLLEAKDLRNEIQVNTSQIPDVTVHYSELYHDFT
TTQVGMHDIVRDFRQTMNQYSREPGRYRFMGAEASAESIERTMMYYGLPFIQEADFPFNKYFTTIGTLSG
HTVYEVITSWMENMPEGKWPWNWMTGXXPETPRLTSRVGSEYVNAMHMLLFTLPGTPIYYGEEIGMGDIS
VTNFNESYDSTTLVSKSPMQWDNSSNAGFTEANHTWLPTNSDYHTVNVVDVQKTQPSSALRLYQDLSLLHA
TELVLSRGWFCLLRDDSHSVYTRELDGIDNVFLVVLNFGESSTVLNLQGIISDLPELRIRLSTNSASK
GSAVDTRAIKLEKGEGLVLEHSTKAPLHQAAFRDRCFVSSRACYSSALDILYSSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	78.6 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_033231
Locus ID:	20532
UniProt ID:	Q91WV7
RefSeq Size:	2307
Cytogenetics:	17 55.17 cM
RefSeq ORF:	2058
Synonyms:	D2H; NBAT; NTAA; RBAT
Summary:	Involved in the high-affinity sodium-independent transport of cystine and neutral and dibasic amino acids (system B(0,+)-like activity). May function as an activator of SLC7A9 and be involved in the high-affinity reabsorption of cystine in the kidney proximal tubule.[UniProtKB/Swiss-Prot Function]