

Product datasheet for TP511420

Slc12a3 (NM_019415) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 12, member 3 (Slc12a3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211420 representing NM_019415 Red=Cloning site Green=Tags(s)

MAELPVTELPGDALCSGRFTISTLMGGDEPPPAACDSSQPShLTHGStLYMRTFGYNTIDWVPAYEHYAN
SALPGEPKVRPTLADLHsFLKQEGSHLHALAFDGRQGRELTDGLVEDETGTNSEKSPGEPVRFGWVKGV
MIRcMLNIWGVILYLRlpWITAQAGIVLWLIILLsVMVTSITGLSISAISTNGKVKSGGTYFLISRSLG
PELGGsIGLIFAFANAVGVAMHTVGFaETVRDLLQeYGTPIVDPINDIRIIGVVTVtVLLAISLAGMEWE
SKAQVLFfLViMVSfANYLVGTLIPASEDKASKGFYSYHGDIvQNLVPDWRGIDGSFFGMFSIFFPSAT
GILAGANISGDlkDPAVAIPKGTLMaIFWTTISYLAI SATIGSCVVRDASGDVNDTMTPGPGPCEGLACG
YGNWFTECSQQRSCRYGLINYYQTMSMVSAFAPLITAGIFGATLSSALACLVSAAKVFQCLCEDQLYPLI
GFFGKGyGKNREPVRGYLLAYaIAVAfIIIAELNTIAPiISNFFLCSYALINfSCFHASITNSPGWRPSF
RYYSKWAALFGAVISVViMFLLTWwAALIAIGVvLFLLLYVIYKKPEVNWGSSVQAGSYNLALSYSVGLN
EVEDHIKnyRPQCLVLTGPPNFRPALVDFVSTFTQNLsLMICGHVLIgPGKQRVPELRIASGHTKWLNK
RKIKAFYSDVIAEDLRSGVQILMQASGLGRMKPNILVVGfKRNWQSAHPATVEDYIGVLHDAFDfNYGVC
VMRMREGLNVSEALQTHHTPEALIQEEQASTIFQSEQGKKTIDIYwLFDdGGLTLlIPYLLHRKkRWGKC
KIRVfVGGQINRMDEERKAIISLLSKFRLGFHEVhVLPDINQKPQAEHTKRFEDMIAPFRlNDGfKDEAT
VTEMRRDCPWKISDEEINKNRIKSLRQVRLSEILLDYSRDAALiILTlPIGRKKGKCPSSLYMAWLETLSQ
DLRPPVLLIRGNQENVLTFYcQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	111 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



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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.
RefSeq:	NP_062288
Locus ID:	20497
UniProt ID:	Q543E4
RefSeq Size:	3297
Cytogenetics:	8 46.46 cM
RefSeq ORF:	3006
Synonyms:	AI035291; NCC; NCCT; TSC
Summary:	Electroneutral sodium and chloride ion cotransporter. In kidney distal convoluted tubules, key mediator of sodium and chloride reabsorption (By similarity). Receptor for the proinflammatory cytokine IL18. Contributes to IL18-induced cytokine production, including IFNG, IL6, IL18 and CCL2. May act either independently of IL18R1, or in a complex with IL18R1 (PubMed:26099046).[UniProtKB/Swiss-Prot Function]