

Product datasheet for TP527448

Slc6a4 (NM_010484) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 6 (neurotransmitter transporter, serotonin), member 4 (Slc6a4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227448 representing NM_010484 Red=Cloning site Green=Tags(s)

METTPLNSQKVLSECKDKEDCQENGLVQKGVPTPADKAGPGQISNGYSAVPSTSAGDEAPHSTPAATTL
VAEIHQGERETWGKKMDFLLSVIGYAVDLGNIWRFPYICYQNGGGAFLLPYTIMAIFGGIPLFYMELALG
QYHRNGCISIWKKICPIFKGIGYAICIAFYIASYNTIIAWALYLISSFTDQLPWTSCKNWNTGNCT
NYFAQDNITWTLHSTSPAEFYLRHVLQIHQSKGLQDLGTISWQLALCIMLIFTIIFSIWKGVKTSQKV
VWVTATFPYIVLSVLLVRGATLPGAWRGVVFYLPKNWQKLETTGWWVDAQAIFSLGPGFGVLLAFASY
NKFNNNCYQDALVTSWNCMTSFVSGFVIFTVLGYMAEMRNEDVSEVAKDAGPSLLFITYAEAIANMPAS
TFFAIIFLMLITLGLDSTFAGLEGVITAVLDEFPHIWAKRREWFVLIVITCILGSLTLTSGGAYVVT
LLEEYATGPAVLVALIEAVVSWFYGITQFCSDVKEMLGFSFGWFWRICWVAISPLFLLFIICSFLMSP
PQLRLFQYNYPHWSIILGYCIGTSSVICIPIYIIRLISTPGTLKERIISITPETPTEIPCGDIRMNAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	70.5 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_034614
Locus ID:	15567
UniProt ID:	Q60857
RefSeq Size:	2747
Cytogenetics:	11 46.18 cM
RefSeq ORF:	1890
Synonyms:	5-HTT; AI323329; Htt; Sert
Summary:	<p>Serotonin transporter whose primary function in the central nervous system involves the regulation of serotonergic signaling via transport of serotonin molecules from the synaptic cleft back into the pre-synaptic terminal for re-utilization. Plays a key role in mediating regulation of the availability of serotonin to other receptors of serotonergic systems. Terminates the action of serotonin and recycles it in a sodium-dependent manner. [UniProtKB/Swiss-Prot Function]</p>