

Product datasheet for TP505647

Ctns (NM_031251) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cystinosis, nephropathic (Ctns), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205647 representing NM_031251 Red =Cloning site Green =Tags(s)
	MRRNWLILTLFLLMFIEKYESTVSLTAPPTVKLENGSSTNVDITLGHPLNSTLVITFEVTFRSKNLTIV ELPDEVIVPRGEKNASFQVTSQNIGQVTVFLHGNHSNQTCPRIRFLVIHSRIVSIINQVIGWIYFMAWSV SFYPQVIQNWRRKSVIGLSFDLALNLTGFVAYSVFNIGLLWVPYIQEEFLLKYPNGVNPVDSNDAFFSL HAVALTLIVILQCCLYERGNQRVSWPSIGFLVLAWLFVLVTMIVA AVGITTWLQFLFCFSYIKLIITLIK YFPQAYMNFYKSTKGWSIGGVLLDFTGGSFLLQMFLQSYNNDQWTLIFGDP TKFGLGVFTIFFDWWVF IQHFYLYRKKPGYDQLN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	42.7 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.
RefSeq:	NP_112541
Locus ID:	83429
UniProt ID:	P57757 , Q542U5



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RefSeq Size: 3010

Cytogenetics: 11 B4

RefSeq ORF: 1101

Synonyms: AI195360; AW049661

Summary: Cystine/H(+) symporter thought to transport cystine out of lysosomes. Plays an important role in melanin synthesis, possibly by preventing melanosome acidification and subsequent degradation of tyrosinase TYR.[UniProtKB/Swiss-Prot Function]