

Product datasheet for **TP304354M**

NT5C3L (NT5C3B) (NM_052935) Human Recombinant Protein

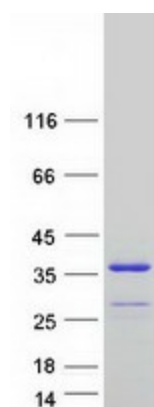
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 5'-nucleotidase, cytosolic III-like (NT5C3L), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204354 protein sequence Red =Cloning site Green =Tags(s)
	MKATVLMRQPGRVQEIVGALRKGGGDRLQVISDFDMTLRSFAYNGKRCPSYNILDNSKIISEECKERKELT ALLHHYYPIDPHRTVKEKLPHMVEWWTKAHNLLCQQKIQKFQIAQVRESNAMLREGYKTFNTLYHN NIPLFIFSAGIGDILEEIRQMKVFHPNIHIVSNYMDFNEDGFLQGFKGQLIHTYNKNSSVCENCGYFQQ LEGKTNVILLGDSIGDLTMADGVPGVQNILKIGFLNDKVEERRERYMDSYDIVLEKDETLDVVNGLLQHI LCQGVQLEMQGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	34.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_443167</u>
Locus ID:	115024


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UniProt ID:	<u>Q969T7</u>
RefSeq Size:	1430
Cytogenetics:	17q21.2
RefSeq ORF:	876
Synonyms:	cN-IIIB; NT5C3L
Summary:	Specifically hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine and inorganic phosphate (PubMed:23223233, PubMed:24603684). The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids (PubMed:23223233). Also has weak activity for CMP (PubMed:23223233, PubMed:24603684). UMP and purine nucleotides are poor substrates (PubMed:23223233). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NT5C3B protein (Cat# [TP304354]). The protein was produced from HEK293T cells transfected with NT5C3B cDNA clone (Cat# [RC204354]) using MegaTran 2.0 (Cat# [TT210002]).