

Product datasheet for PH325961

NT5C2 (NM_001134373) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NT5C2 MS Standard C13 and N15-labeled recombinant protein (NP_001127845)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225961
Predicted MW:	65 kDa
Protein Sequence:	>RC225961 protein sequence Red=Cloning site Green=Tags(s)

MSTSWSDRQLQNAADMPANMDKHALKKYRREAYHRVFNRSNAMEKIKCFGDMDYTLAVYKSPEYESLGF
ELTVERLVSIGYPQELLSFAYDSTFPTRGLVFDLYGNLLKVDAYGNLLVCAHGPNFIRGPETREQYPNK
FIQRDDTERFYILNLFNLPETYLLACLVDFFTNCPRYTSCETGFKDGLFMSYRSMFQDVRDAVDVWHY
KGSLEKKTVENLEKYVVKDGKPLLLSRMKEVGKVFLATNSDYKYTDKIMTYLDFPHGPKPGSSHRPWQ
SYFDLILVDARKPLFFGEGTVLRQVDTKGKLIKTYTGPLQHGIVYSGGSDTICDLLGAKGKDILYIG
DHIFGDILKSKKRQGWRTFLVIPELAQELHVWTDKSSLFEELQSLDIFLAELYKHLDESSNERPDISSIQ
RRIKKVTHDMDMCYGMGSLFRSGSRQTLFASQVMRYADLYAASFINLLYYPFSYLFRAAHVLMPEHSTV
EHTHVDINEMESPLATRNRTSVDFKDTDYKRHQLTRSISEIKPPNLFPLAPQEITHCHDEDDDEEEEEEE
E

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

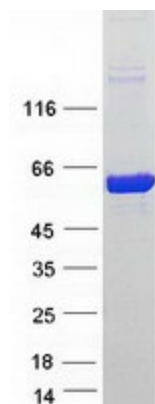
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001127845
RefSeq Size:	3453
RefSeq ORF:	1686



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Synonyms:	cN-II; GMP; NT5B; PNT5; SPG45; SPG65
Locus ID:	22978
UniProt ID:	P49902 , A0A384MED8 , A8K6K2
Cytogenetics:	10q24.32-q24.33
Summary:	This gene encodes a hydrolase that serves as an important role in cellular purine metabolism by acting primarily on inosine 5'-monophosphate and other purine nucleotides. [provided by RefSeq, Oct 2011]
Protein Pathways:	Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified NT5C2 protein (Cat# [TP325961]). The protein was produced from HEK293T cells transfected with NT5C2 cDNA clone (Cat# [RC225961]) using MegaTran 2.0 (Cat# [TT210002]).