

Product datasheet for PH311087

NT5DC1 (NM_152729) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NT5DC1 MS Standard C13 and N15-labeled recombinant protein (NP_689942)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211087
Predicted MW:	51.8 kDa
Protein Sequence:	>RC211087 protein sequence Red=Cloning site Green=Tags(s)

MAQHFLAACDVVGFDLDTLTCRYNLPESAPLIYNSFAQFLVKEKGYDKELLNVTPEWDWFCCKGLALDL
EDGNFLKLANNQTVLRASHGTKMMTPVELAEAYGKKEWKHFLSDTGMACRSGKYFYFDNYFDLPGALLCA
RVVDYLTKLNNQKTFDFWKDIVAAIQHNYKMSAFKENCYIYFPEIKRDPGRYLHSCPESVYKWLRLQKN
AGKILLITSSHSYCRLLCEYILGNDFDLFDIVITNALKPGFFSHLPSQRPFRLENDDEEQEALPSLD
KPGWYSQGNVHLYELLKMTGKPEPKVYVFGDSMHSDIFPARHYSNWETVLIIEELRGDEGTRSQRPEE
SEPLEKKGKYEKAKPLNTSSKKWGSFFIDSVLGLENTEDSLVYTWSCKRISTYSTIAIPSEIAIHELP
LDYKFRFSSNSKTAGYYPNPPLVLSSEDELISK

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:	<u>NP_689942</u>
RefSeq Size:	3193
RefSeq ORF:	1365
Synonyms:	C6orf200; LP2642; NT5C2L1



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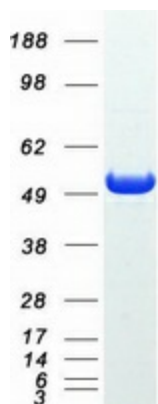
Locus ID: 221294

UniProt ID: [Q5TFE4](#), [Q9H2R1](#)

Cytogenetics: 6q22.1

Summary: While the exact function of the protein encoded by this gene is not known, it belongs to the 5'(3')-deoxyribonucleotidase family. [provided by RefSeq, May 2010]

Product images:



Coomassie blue staining of purified NT5DC1 protein (Cat# [TP311087]). The protein was produced from HEK293T cells transfected with NT5DC1 cDNA clone (Cat# [RC211087]) using MegaTran 2.0 (Cat# [TT210002]).