

Product datasheet for PH314345

TUBB4Q (TUBB7P) (NM_020040) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TUBB4Q MS Standard C13 and N15-labeled recombinant protein (NP_064424)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214345
Predicted MW:	48.3 kDa
Protein Sequence:	>RC214345 representing NM_020040 Red=Cloning site Green=Tags(s)

MRELVLVTQTGQCNGQIGAKFWEVISDEHAIDSAGTYHGDSLQLERINVHHHEASGGRYVSRVLDLEP
GTMDSVRSQVFGQVFRPDNFISRQCAGANNWAKGRYTEGAELTESVMDVVRKEAESCDCQLQGFQLTHSLG
GGTGSGMGTLLISKIWEEYPDRIINTLSILLPKVSDTVVEPYNATLSVHQLIENADETFCDNEALYDI
CSRTLKLPPTYGDLNHLVSATMSGVTTCLCFPDQLNADLRKLANMVPFPRLHFFMPGFAPLTSRGSQQ
YRALTVAELTQQMFDANKMMAARDPRHGRYL TAAAI FQGRMPREVDEQMFNIQDKNSSYFADWFPNNVK
TAVCDIPPWGLKMSVTFGNNTAVQELKRVSEQF TATFRRKAF LHWYTGEGMDEMEFTEAESNMNDLVSE
YQQYQDATAEGGGV

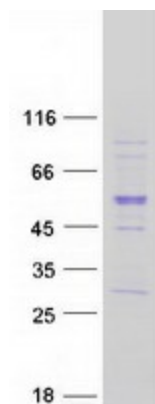
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_064424</u>
RefSeq Size:	1305
RefSeq ORF:	1302
Synonyms:	TUBB4Q



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Locus ID: 56604
Cytogenetics: 4q35.2
Protein Families: Druggable Genome
Protein Pathways: Gap junction, Pathogenic Escherichia coli infection

Product images:

Coomassie blue staining of purified TUBB4Q protein (Cat# [TP314345]). The protein was produced from HEK293T cells transfected with TUBB4Q cDNA clone (Cat# [RC214345]) using MegaTran 2.0 (Cat# [TT210002]).