

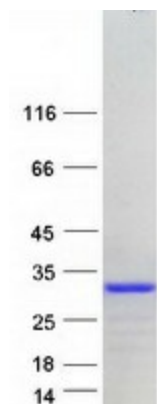
## Product datasheet for PH313242

### CT45A4 (NM\_001017436) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CT45A4 MS Standard C13 and N15-labeled recombinant protein (NP_001017436)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213242
Predicted MW:	21.1 kDa
Protein Sequence:	<p>&gt;RC213242 representing NM_001017436</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTDKTEKVAVDPEVTFKRPRECDSPSYQKRQRMALLARKQGAGDSLIAGSAMSKEKKLMTGHAIPPSQLD            SQIDDFTGFSKDRMMQKPGSNAPVGGNVTSSFSGDDLECRETASSPKSQREINADIKRKLVKELRCVGQK            YEKIFEMLEGVQGPTAVRKRFFESIIEAARCMRRDFVKHLKKLKRMI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001017436</a>
RefSeq Size:	1008
RefSeq ORF:	567
Synonyms:	CT45-4; CT45.4
Locus ID:	441520
Cytogenetics:	Xq26.3


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**Product images:**

Coomassie blue staining of purified CT45A4 protein (Cat# [TP313242]). The protein was produced from HEK293T cells transfected with CT45A4 cDNA clone (Cat# [RC213242]) using MegaTran 2.0 (Cat# [TT210002]).