

Product datasheet for PH305570

CT45A5 (NM_001007551) Human Mass Spec Standard

Product data:

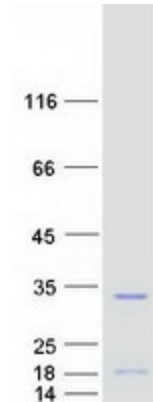
Product Type:	Mass Spec Standards
Description:	CT45A5 MS Standard C13 and N15-labeled recombinant protein (NP_001007552)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205570
Predicted MW:	21.3 kDa
Protein Sequence:	<p>>RC205570 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTDKTEKVAVDPEVFKRPRECDSPSYQKRQRMALLARKQGAGDSLIAGSAMSKEKKLMTGHAIPPSQLD 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- 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_001007552
RefSeq Size:	1321
RefSeq ORF:	567
Synonyms:	CT45-3; CT45-4; CT45-6; CT45.5; CT45A3; CT45A4; CT45A6; CT45A7; CT455
Locus ID:	441521
UniProt ID:	Q6NSH3 , P0DMU8 , P0DMU7 , P0DMV0


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Cytogenetics: Xq26.3

Summary: This gene represents one of a cluster of several similar genes located on the q arm of chromosome X. The genes in this cluster encode members of the cancer/testis (CT) family of antigens, and are distinct from other CT antigens. These antigens are thought to be novel therapeutic targets for human cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

Product images:



Coomassie blue staining of purified CT45A5 protein (Cat# [TP305570]). The protein was produced from HEK293T cells transfected with CT45A5 cDNA clone (Cat# [RC205570]) using MegaTran 2.0 (Cat# [TT210002]).