

Product datasheet for TP320942M

OriGene Technologies, Inc.

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CT45A2 (NM 152582) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human cancer/testis antigen family 45, member A2 (CT45A2), 100 μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC220942 representing NM_152582 **or AA Sequence:** Red=Cloning site Green=Tags(s)

MTDKTEKVAVDPETVFKRPRECDSPSYQKRQRMALLARKQGAGDSLIAGSAMSKEKKLMTGHAIPPSQLD SQIDDFTGFSKDRMMQKPGSNAPVGGNVTSSFSGDDLECRETASSPKSQREINADIKRKLVKELRCVGQK

YEKIFEMLEGVQGPTAVRKRFFESIIKEAARCMRRDFVKHLKKKLKRMI

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-Myc/DDK
Predicted MW: 21.1 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 689795

 Locus ID:
 728911

 UniProt ID:
 Q5DJT8

 RefSeq Size:
 1032





Cytogenetics: Xq26.3

RefSeq ORF: 567

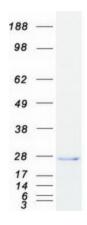
Synonyms: CT45-2; CT45.2; CT45A8; CT45A9

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. [provided by RefSeq, Apr 2014]

Product images:



Coomassie blue staining of purified CT45A2 protein (Cat# [TP320942]). The protein was produced from HEK293T cells transfected with CT45A2 cDNA clone (Cat# [RC220942]) using MegaTran 2.0 (Cat# [TT210002]).