Recombinant Human CT45A5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CT45A5-2539H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CT45A5 MS Standard C13 and N15-labeled recombinant protein (NP_001007552) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	21.3 kDa
AA Sequence	MTDKTEKVAVDPETVFKRPRECDSPSYQKRQRMALLARKQGAGDSLIAGSAMSKE KKLMTGHAIPPSQLDSQIDDFTGFSKDRMMQKPGSNAPVGGNVTSSFSGDDLECR ETASSPKSQREINADIKRKLVKELRCVGQKYEKIFEMLEGVQGPTAVRKRFFESIIKE AARCMRRDFVKHLKKKLKRMITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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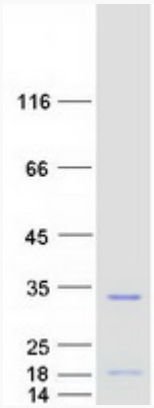
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CT45A5 cancer/testis antigen family 45 member A5 [Homo sapiens (human)]
Official Symbol	CT45A5
Synonyms	CT45A5; cancer/testis antigen family 45 member A5; CT455; CT45-3; CT45-4; CT45-6; CT45.5; CT45A3; CT45A4; CT45A6; CT45A7; cancer/testis antigen family 45 member A5; Cancer/testis antigen 45-3; Cancer/testis antigen 45-4; Cancer/testis antigen 45-6; Cancer/testis antigen 45A3; Cancer/testis antigen 45A4; Cancer/testis antigen 45A6; Cancer/testis antigen 45A7; Cancer/testis antigen family 45 member A3; Cancer/testis antigen family 45 member A4; Cancer/testis antigen family 45 member A6; Cancer/testis antigen family 45 member A7; cancer/testis antigen 45-5; cancer/testis antigen 45A5; cancer/testis antigen CT45-5
Gene ID	441521
mRNA Refseq	NM_001007551
Protein Refseq	NP_001007552
MIM	300796
UniProt ID	P0DMU7

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SDS-PAGE



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