

Recombinant Human CT47A1 Protein, His-tagged

Cat. No. CT47A1-2166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CT47A1 Protein (Met1-Thr288) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Thr288
Description	This locus represents a member of the cancer/testis gene family 47. This family, also known as CT47, is comprised of 13 nearly identical loci clustered at Xq24. This locus is the most telomeric of the cluster.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.7 kDa Accurate Molecular Mass: 50 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

CT47A1 cancer/testis antigen family 47 member A1 [Homo sapiens (human)]

Official Symbol

CT47A1

Synonyms

CT47A1; cancer/testis antigen family 47 member A1; CT47.1; cancer/testis antigen 47A
cancer/testis CT47 family, member 1

Gene ID

728096

mRNA Refseq

NM_001080146

Protein Refseq

NP_001073615

MIM

300780

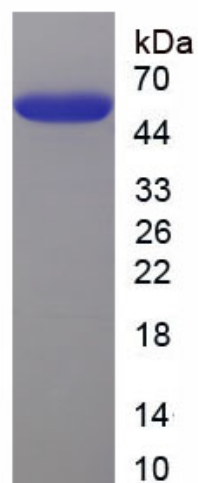
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UniProt ID

Q5JQC4

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