

Recombinant Human CTAG1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CTAG1A-4933H **Lot. No.** (See product label)

SPECIFICATION

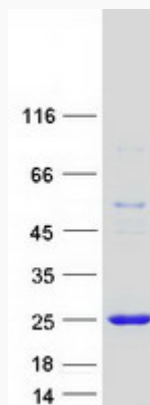
Product Overview	CTAG1A MS Standard C13 and N15-labeled recombinant protein (NP_640343) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a tumor cell antigen found in various types of cancers, which makes it a good candidate for a cancer vaccine. This gene is also highly expressed in normal ovary and testis tissues. An identical copy of this gene is found on the same chromosome.
Molecular Mass	18 kDa
AA Sequence	MQAEGRGTGGSTGDADGPGGPGIPDGPGGNAGGPGEAGATGGRGPRGAGAARA SGPGGGAPRGPHGGAASGLNGCCRCGARGPESRLLEFYLAMPFATPMEALARR SLAQDAPPLPVPGVLLKEFTVSGNILTIRLTAADHRQLQLSISSCLQQLSLLMWITQCF LPVFLAQPPSGQRRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	CTAG1A cancer/testis antigen 1A [Homo sapiens (human)]
Official Symbol	CTAG1A
Synonyms	CTAG1A; cancer/testis antigen 1A; ESO1; CT6.1; LAGE-2; LAGE2A; NY-ESO-1; cancer/testis antigen 1; New York Esophageal Squamous Cell Carcinoma 1; autoimmunogenic cancer/testis antigen NY-ESO-1; cancer/testis antigen 1-A; cancer/testis antigen 6.1; I antigen family member 2
Gene ID	246100
mRNA Refseq	NM_139250
Protein Refseq	NP_640343
MIM	300657
UniProt ID	P78358

SDS-PAGE

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