Recombinant Full Length Human CTAG1A Protein, GST-tagged

Cat. No. CTAG1A-2257HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTAG1A full-length ORF (AAI60040.1, 1 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	180 amino acids
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. [provided by RefSeq, Dec 2015]
Molecular Mass	46.2 kDa
AA Sequence	MQAEGRGTGGSTGDADGPGGPGIPDGPGGNAGGPGEAGATGGRGPRGAGAARA SGPGGGAPRGPHGGAASGLNGCCRCGARGPESRLLEFYLAMPFATPMEAELARR SLAQDAPPLPVPGVLLKEFTVSGNILTIRLTAADHRQLQLSISSCLQQLSLLMWITQCF LPVFLAQPPSGQRR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CTAG1A cancer/testis antigen 1A [Homo sapiens (human)]
Official Symbol	CTAG1A
Synonyms	CTAG1A; cancer/testis antigen 1A; Cancer/Testis Antigen 1A; Autoimmunogenic Cancer/Testis Antigen NY-ESO-1; Cancer/Testis Antigen 6.1; L Antigen Family Member 2; LAGE-2; LAGE2A; CT6.1; ESO1; New York Esophageal Squamous Cell Carcinoma 1; Cancer/Testis Antigen 1-A Cancer/Testis Antigen 1; CTAG1A CTAG1B; NY-ESO-1; LAGE2B; CTAG1; LAGE2; CTAG; 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; l antigen family member 2
Gene ID	246100
mRNA Refseq	NM_139250
Protein Refseq	NP_640343
MIM	300657

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UniProt ID	P78358

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