

Recombinant Human Cancer/Testis Antigen 1B

Cat. No. CTAG1B-1512H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human full length NY-ESO-1 protein was expressed in <i>E. coli</i> .
Species	Human
Source	E.coli
Description	NY-ESO-1, a member of the CT (cancer/testis) family, is a tumor-specific shared antigen with distinctive immunogenicity. The molecular basis of T cell-mediated antitumor immunity has been elucidated by the identification of a number of tumor antigens recognized by CD8+ T cells. Among these antigens, NY-ESO-1 is of particular interest because both the cytotoxic T lymphocyte and antibody have been shown to react with this antigen. The NY-ESO-1 has been detected in normal testis and in a range of human tumor types. NY-ESO-1 reactivity in testis is restricted to germ cells, particularly in the spermatogonia.
Suggested Applications	ELISA, Inhibition Assays, Western Blotting. The optimal dilution for a specific application should be determined by the investigator.
Supplied As	GST-NY-ESO-1 fusion protein was purified from E.coli and packaged at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 49kDa including GST.
Storage And Stability	Store vial at -20°C to -80°C. When stored at the recommended temperature, this

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protein is stable for 12 months.

Full Length Full L.

GENE INFORMATION

Gene Name CTAG1B cancer/testis antigen 1B [Homo sapiens]

Synonyms

CTAG1B; cancer/testis antigen 1B; CTAG; ESO1; CT6.1; CTAG1; LAGE-2; LAGE2B; NY-ESO-1; cancer antigen 3; New York esophageal squamous cell carcinoma 1; LAGE2A; Cancer/testis antigen 1; L antigen family member 2; Autoimmunogenic cancer/testis antigen NY-ESO-1; Cancer/testis antigen 6.1

Gene ID 1485

mRNA Refseq NM_001327

Protein Refseq NP_001318

UniProt ID P78358

Chromosome Location Xq28

MIM 300156

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