

# Recombinant Human Cancer/Testis Antigen 1B

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant human full length NY-ESO-1 protein was expressed in <i>E. coli</i> .
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>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.</p>
<b>Suggested Applications</b>	ELISA, Inhibition Assays, Western Blotting. The optimal dilution for a specific application should be determined by the investigator.
<b>Supplied As</b>	GST-NY-ESO-1 fusion protein was purified from <i>E. coli</i> and packaged at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol.
<b>Characterization</b>	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 49kDa including GST.
<b>Storage And Stability</b>	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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