

Recombinant Human Cancer/testis Antigen 1B, GST-tagged

Cat. No. CTAG1B-4480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NY-ESO-1 Human Recombinant full length protein expressed in E.coli, shows a 49 kDa SDS-PAGE (including GST tag). The NY-ESO-1 is purified by proprietary chromatographic techniques.
Species	Human
Source	Human
Description	NY-ESO-1, a member of the CT (cancer/testis) family, is a tumor-specific shared antigen with distinctive immunogenicity. NY-ESO-1 is expressed in testis and ovary and in a wide variety of cancers. It is also detected in uterine myometrium. The expression is from 18 weeks until birth in human fetal testis. Furthermore, in the adult testis, NY-ESO-1 is strongly expressed in spermatogonia and in primary spermatocytes, but not in post-meiotic cells or in testicular somatic cells (at protein level). 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.
Form	NY-ESO-1 at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Physical Appearance	Sterile Filtered clear solution.
Storage	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

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Full Length	Full L.
GENE INFORMATION	
Gene Name	CTAG1B cancer/testis antigen 1B [Homo sapiens]
Official Symbol	CTAG1B
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
MIM	300156
UniProt ID	P78358
Chromosome Location	Xq28

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