

## 32-4364R: Recombinant Human New York Esophageal Squamous Cell Carcinoma

**Alternative Name :** Cancer/testis antigen 1,L antigen family member 2,LAGE-2,Autoimmunogenic cancer/testis antigen NY-ESO-1,Cancer/testis antigen 6.1,CT6.1,CTAG1A,CTAG,CTAG1,ESO1,LAGE2,LAGE2A,CTAG1B,LAGE2B.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

**Amount :** 5 µg  
**Content :** NY-ESO-1 at 100µg/ml in 20mMTris, 150 mM NaCl (pH 8.0).  
**Storage condition :** 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.

