

## CTAG1A

### Recombinant Human CTAG1A/NY-ESO-1/LAGE-2, N-SUMO Tag

<b>Catalog No.</b>	YHF65601A YHF65601B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Cancer/testis antigen 1, Autoimmunogenic cancer/testis antigen NY-ESO-1, Cancer/testis antigen 6.1, CT6.1, L antigen family member 2, LAGE-2		
<b>Description:</b>	Cancer/testis antigen 1 is expressed in only normal testis and ovary tissues and in a wide variety of cancers. The existence of blood-testis barrier and the lack of human leukocyte antigen (HLA) class I expression on the surface of germ cells prevent the normal immune system interacting with CT antigens proteins. CT antigens can be regarded as essentially tumor-specific targets for cancer immunotherapy.		
<b>UniProt ID:</b>	P78358		
<b>Source:</b>	E. coli		
<b>Molecular Weight:</b>	17.99 kDa		
<b>Protein Construction:</b>	A DNA sequence encoding the human CTAG1A (Met1-Arg180) was fused with a N-terminal SUMO tag		
<b>Biologic Activity:</b>	Testing in progress.		
<b>Formulation:</b>	Lyophilized from PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol		
<b>Purity:</b>	> 90% as determined by SDS-PAGE		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1-1.0 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.		
<b>Storage &amp; Stability:</b>	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C for up to 3 months. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

