Recombinant Human CTAG1B protein, His-tagged

Cat. No. CTAG1B-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTAG1B(Met1~Arg180) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Arg180
Description	The protein encoded by this gene is an antigen that is overexpressed in many cancers but that is also expressed in normal testis. This gene is found in a duplicated region of the X-chromosome and therefore has a neighboring gene of identical sequence.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	21.7kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

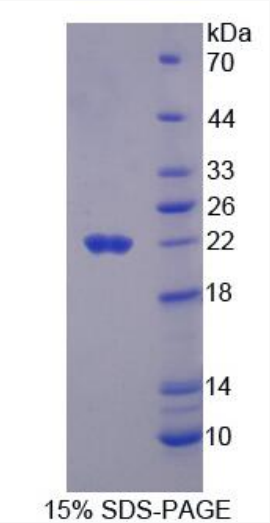
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CTAG1B cancer/testis antigen 1B [Homo sapiens]
Official Symbol	CTAG1B
Synonyms	CTAG1B; cancer/testis antigen 1B; cancer/testis antigen 1 , CTAG, CTAG1; cancer/testis antigen 1; CT6.1; ESO1; LAGE2A; LAGE2B; NY ESO 1; cancer antigen 3; cancer/testis antigen 6.1; l antigen family member 2; New York esophageal squamous cell carcinoma 1; autoimmunogenic cancer/testis antigen NY-ESO-1; CTAG; CTAG1; CTAG1A; LAGE-2; NY-ESO-1;
Gene ID	1485
mRNA Refseq	NM_001327
Protein Refseq	NP_001318
MIM	300156
UniProt ID	P78358

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Chromosome Location	Xq28
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