

## Recombinant Human CTAG1B protein, GST-tagged

**Cat. No.** CTAG1B-15H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CTAG1B(67-128aa) fused with GST tag at N-terminal was expressed in E. coli.                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 67-128 a.a.                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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. |
| <b>Form</b>             | 1M PBS (58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH8.0), 100 mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                 |
| <b>AA Sequence</b>      | GAASGLNGCCRCGARGPESRLLEFYLAMPFATPMEAEARRSLAQDAPPLPVPVGL<br>LKEFTV                                                                                                                                                                                           |
| <b>Storage</b>          | Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.                                                                                                                                                         |
| <b>Shipping</b>         | The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.                                                                                                                                              |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | CTAG1B cancer/testis antigen 1B [ Homo sapiens ]                                                                                                                                                                                                                                                                                                       |
| <b>Official Symbol</b>     | CTAG1B                                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>            | 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; I 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; |
| <b>Gene ID</b>             | 1485                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>         | NM_001327                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>      | NP_001318                                                                                                                                                                                                                                                                                                                                              |
| <b>MIM</b>                 | 300156                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>          | P78358                                                                                                                                                                                                                                                                                                                                                 |
| <b>Chromosome Location</b> | Xq28                                                                                                                                                                                                                                                                                                                                                   |

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