

## Recombinant Human TACSTD2 Protein (His27-Thr274), C-mFc and 6×His-tagged

Cat. No. TACSTD2-735H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TACSTD2 Protein (His27-Thr274) with C-mFc and 6×His tag was expressed in HEK293.                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | His27-Thr274                                                                                                                                                                                                                   |
| <b>Description</b>      | This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy. |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 54.9 kDa                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 95% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)                                                                                                                                                    |
| <b>Storage Buffer</b>   | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 100 % trehalose is added as protectants before lyophilization.                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TACSTD2 tumor-associated calcium signal transducer 2 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | TACSTD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | TACSTD2; tumor-associated calcium signal transducer 2; M1S1; EGP 1; GA733 1; TROP2; epithelial glycoprotein-1; cell surface glycoprotein TROP2; cell surface glycoprotein Trop-2; pancreatic carcinoma marker protein GA7331; pancreatic carcinoma marker protein GA733-1; gastrointestinal tumor-associated antigen GA7331; membrane component chromosome 1 surface marker 1; membrane component, chromosome 1, surface marker 1; 40kD glycoprotein, identified by monoclonal GA733; EGP1; GP50; EGP-1; GA7331; GA733-1; |
| <b>Gene ID</b>         | 4070                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_002353                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_002344                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 137290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | P09758                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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SDS-PAGE

