

## Recombinant Human TYRO3 protein, DDK/His-tagged

Cat. No. TYRO3-195H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TYRO3(Ala41-Trp429) fused with DDK/His tag at C-terminal was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 41-429 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | The gene is part of a 3-member transmembrane receptor kinase receptor family with a processed pseudogene distal on chromosome 15. The encoded protein is activated by the products of the growth arrest-specific gene 6 and protein S genes and is involved in controlling cell survival and proliferation, spermatogenesis, immunoregulation and phagocytosis. The encoded protein has also been identified as a cell entry factor for Ebola and Marburg viruses. |
| <b>Form</b>             | 1 x PBS, pH7.4, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 44 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                   |

### GENE INFORMATION

 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

|                            |                                                                                                                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | TYRO3 TYRO3 protein tyrosine kinase [ Homo sapiens ]                                                                                                                                                                                                                                             |
| <b>Official Symbol</b>     | TYRO3                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>            | TYRO3; TYRO3 protein tyrosine kinase; RSE; tyrosine-protein kinase receptor<br>TYRO3; Brt; Dtk; Sky; Tif; tyrosine-protein kinase DTK; tyrosine-protein kinase RSE;<br>tyrosine-protein kinase SKY; tyrosine-protein kinase byk; BYK; FLJ16467;                                                  |
| <b>Gene ID</b>             | 7301                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>         | NM_006293                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_006284                                                                                                                                                                                                                                                                                        |
| <b>MIM</b>                 | 600341                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>          | Q06418                                                                                                                                                                                                                                                                                           |
| <b>Chromosome Location</b> | 15q15.1-q21.1                                                                                                                                                                                                                                                                                    |
| <b>Function</b>            | ATP binding; nucleotide binding; phosphatidylinositol 3-kinase binding; protein binding; protein heterodimerization activity; protein tyrosine kinase activity; receptor activity; receptor signaling protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity; |