

Recombinant Human TYRO3 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. TYRO3-026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TYRO3 MS Standard C13 and N15-labeled recombinant protein (NP_006284) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	96.7 kDa
AA Sequence	MALRRSMGRPGLPPLPLPPPPRLGLLLAALASLLLPEAAAGLKLMGAPVKLTVSQG QPVKLNCSVEGMEEPDIQWVKDGAVVQNLQYIPVSEQHWIGFLSLKSVERSDAG RYWCQVEDGGETEISQPVWLTVEGVPFPTVEPKDLAVPPNAPFQLSCEAVGPPEPV TIVWWRGTTKIGGPAPSPSVLNVGTQSTMFSCEAHNLKGLASSRTATVHLQALP AAPFNITVTKLSSSNASVAWMPGADGRALLQSCTVQVTQAPGGWEVLAVVVPVPPF TCLLRDLVPATNYSRLRVCANALGPSPYADWVPFQTKGLAPASAPQNLHAIRTDSSL ILEWEEVIPEAPLEGPLGPYKLSWVQDNGTQDELTVETRANLTGWDPQKDLIVRV

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CVSNAVGCWPWSQPLVVSSHDRAGQQGPPHSRTSWVPVVLGVLTALVTAAALALIL
 LRKRRKETRFGQAFDSVMARGEPAVHFRAARSFNRRERPERIEATLDSLGISDELKEK
 LEDVLIPEQQFTLGRMLGKGEFGSVREAQLKQEDGSFVKVAVKMLKADIIASSDIEEF
 LREAACMKEFDHPHVAKLVGVSLRSRAKGRPLIPMVILPFMKHGDLHAFLLASRIGE
 NPFNLPLQTLIRFMVDIACGMEYLSSRNFIHRDLAARNCMLAEDMTVCVADFGLSRKI
 YSGDYRQGCASKLPVKWLALESADNLYTVQSDVWAFGVTMWEIMTRGQTPYAG
 IENAEIYNYLIGGNRLKQPPECMEDVYDLMYQCWSADPKQRPSFTCLRMELENILGQ
 LSVLSASQDPLYINIERAEAPTAGGSLELPGRDQPYSGAGDGS GMGAVGGTPSDCR
 YILTPGGLAEQPGQAEHQPE SPLNETQRLLLLLQQLPHSSCTRTRPLEQKLISEEDL
 AANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TYRO3 TYRO3 protein tyrosine kinase [Homo sapiens (human)]

Official Symbol TYRO3

Synonyms TYRO3; TYRO3 protein tyrosine kinase; BYK; Dtk; Etk-2; Rek; RSE; Sky; Tif; tyrosine-protein kinase receptor TYRO3; tyrosine-protein kinase DTK; tyrosine-protein kinase RSE; tyrosine-protein kinase SKY; tyrosine-protein kinase TIF; tyrosine-protein

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kinase byk; EC 2.7.10.1

Gene ID 7301**mRNA Refseq** NM_006293**Protein Refseq** NP_006284**MIM** 600341**UniProt ID** Q06418**SDS-PAGE** 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