

## Product datasheet for PH308260

### TYRO3 (NM\_006293) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TYRO3 MS Standard C13 and N15-labeled recombinant protein (NP_006284)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208260
Predicted MW:	96.7 kDa
Protein Sequence:	>RC208260 representing NM_006293 Red=Cloning site Green=Tags(s)

MALRRSMGRPGLPPLPLPPPRLGLLL AALASLLL PESAAAGL KLMGAPVKL TVSQGQPVKL NCSVEGME  
EPDIQWVKDGAVVQNL DQLYIPVSEQHWIGFL SLKSVERSDAGRYWCQVEDGGETEISQPVWLTVEGVPF  
FTVEPKDLAVPPNAPFQLSCEAVGPPEPVTIVVWRGTTKIGGPAPSPSVLNVTGVTQSTMFSCAHLNKG  
LASSRTATVHLQALPAAPFNITVTKLSSSNASVAWMPGADGRALLQSCTVQVTQAPGGWEVLAVVVPVPP  
FTCLLRDLVPATNYSLRVCANALGPSPYADWVPFQTKGLAPASAPQNLHAIRTD SGLILEWEEVIPEAP  
LEGPLGPYKLSWVQDNGTQDEL TVEGTRANL TGWDPQKDLIVRVCVSNVAVGCGPWSQPLVSSHDRAGQQ  
GPPHSRTSWVPVVLGVL TALVTAALAL ILLRKRKTRFQAFDSVMARGEP AVHFRAARSFNRERPER  
IEATLDSLGI SDELKEKLEDVL IPEQQFTLGRMLGKGEFGSVREAQLKQEDGSFVKVAVKMLKADIASS  
DIEEFLREAACMKEFDHPHVAKLVGVSLRSRAGRLPIPMVILPFMKHGD LHAFLLASRIGENPFNLPLQ  
TLIRFMVDIACGMEYLSRNF IHRDLAARNCLAEADMTVCVADFGLSRKIYSGDYRQGCASKLPVKWLA  
LESADNLTYVQSDVWAFGVTMWEIMTRGQTPYAGIENAEIYNYLIGGNRLKQPPECMEDVYDLMYQCWS  
ADPKQRSFTCLRMELNILGQLSVLSASQDPLYINIERAEPTAGGSLELPGRDQPYSGAGDGGSGMGAV  
GGTPSDCRYILTPGGLAEQPGQAEHQPE SPLNETQRLLLLQQGLLPHSSC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP\\_006284](#)

RefSeq Size: 3949

RefSeq ORF: 2670

Synonyms: BYK; Dtk; Etk-2; Rek; RSE; Sky; Tif

Locus ID: 7301

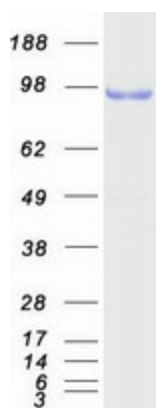
UniProt ID: [Q06418](#)

Cytogenetics: 15q15.1

**Summary:** 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. [provided by RefSeq, May 2010]

**Protein Families:** Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified TYRO3 protein (Cat# [TP308260]). The protein was produced from HEK293T cells transfected with TYRO3 cDNA clone (Cat# [RC208260]) using MegaTran 2.0 (Cat# [TT210002]).