

Recombinant Mouse TYRO3 Protein

Catalog #	Source	Reactivity	Applications
CRP2468	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse TYRO3 Protein is produced by our mammalian expression system and the target gene encoding Ala31-Ser418 is expressed with a mFc tag at the C-terminus.
Form	Lyophilized from a 0.2 µM filtered solution of PBS, pH 7.4.
Gene Symbol	TYRO3
Alternative Names	BYK; DTK; RSE; SKY; TIF; Tyrosine-protein kinase receptor TYRO3; Tyrosine-protein kinase BYK; Tyrosine-protein kinase DTK; Tyrosine-protein kinase RSE; Tyrosine-protein kinase SKY; Tyrosine-protein kinase TIF
Entrez Gene	22174 (Mouse)
SwissProt	P55144 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	AGLKLMGAPV KMTVSQGQPV KLNCSVEGME DPDIHWMKDG TVVQNASQVS ISISEHSWIG LLSLKSVERS DAGLYWCQVK DGEETKISQS VWLTVEGVPP FTVEPKDLAV PPNAPFQLSC EAVGPPPEPVT IYWWRGLTKV GGPAPSPSVL NVTGVTQRTE FSCEARNIKG LATSRPAIVR LQAPPAAPFN TTVTTISSYN ASVAWVPGAD GLALLHSCTV QVAHAPGEWE ALAVVVPVPP FTCLLRNLAP ATNYSLRVRC ANALGSPSYG DWVPFQTKGL APARAPQNFH AIRTDSGLIL EWEEVIPEDP GEGPLGPYKL SWVQENGTQD ELMVEGTRAN LTDWDPQKDL ILRVCASNAI GDGPWSQPLV VSSHDHAGRQ GPPHSRTSGG GSGGGGGSGG GGSPRDCGCK PCICTVPEVS SVFIFPPKPK DVLITLTPK VTCVVVDISK DDPEVQFSWF VDDVEVHTAQ TQPREEQFNS TFRSVSELPI MHQDWLNGKE FKCRVNSAAF PAPIEKTISK TKGRPKAPQV YTIPPPKEQM AKDKVSLTCM ITDFFPEDIT VEWQWNGQPA ENYKNTQPIM

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

DTDGSYFVYS KLVNQKSNWE AGNTFTCSVL HEGLHNHHTTE KSLSHSPGK

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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