

Recombinant Mouse TYRO3 Protein

Catalog #	Source	Reactivity	Applications
CRP3068	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse TYRO3 Protein is produced by mammalian expression system and the target gene encoding Ala31-Ser418 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

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 GPPHSRTSVD DIEGRMDEPK SCDKTHTCP
 CPAPPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK
 TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV
 YTLPPSREEM TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS

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

KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KLSLSLSPGK

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 ddH₂O. 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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