

Datasheet for ABIN7320679

TYRO3 Protein (Fc Tag)**1** Image[Go to Product page](#)

Overview

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| Quantity: | 50 µg |
| Target: | TYRO3 |
| Origin: | Mouse |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TYRO3 protein is labelled with Fc Tag. |

Product Details

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| Purpose: | Recombinant Mouse TYRO3/DTK Protein (Fc Tag) |
| Sequence: | Ala31-Ser418 |
| Characteristics: | Recombinant Mouse Developmental Tyrosine Kinase/Tyrosine Protein Kinase Receptor TYRO3 is produced by our Mammalian expression system and the target gene encoding Ala31-Ser418 is expressed with a Fc tag at the C-terminus. |
| Purity: | > 95 % as determined by SDS-PAGE |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

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| Target: | TYRO3 |
| Alternative Name: | TYRO3/DTK (TYRO3 Products) |
| Background: | Background: Dtk, also called Tyro3, belongs to the TAM receptor family of receptor protein tyrosine kinases (RPTKs) composed of three receptors Tyro3, Axl, and Mer. These receptors |

Target Details

share a characteristic molecular structure of two immunoglobulin-like and two fibronectin type III repeats and have been best characterized for their roles in immune regulation, fertility, thrombosis and phagocytosis. Gas6 and protein S have been identified as ligands for these receptors. Gas6 binding induces tyrosine phosphorylation and downstream signaling pathways that can lead to cell proliferation, migration, or the prevention of apoptosis. Tyro3 and Axl play important regulatory roles in a variety of tissues, including the central nervous, reproductive, immune, and vascular systems. Tyro3 is widely expressed during embryonic development and preferentially expressed during neurogenesis in the central nervous system.

Synonym: Tyrosine-protein kinase receptor TYRO3, Etk2, tyro3, TK19-2, Tyrosine-protein kinase DTK, Tyrosine-protein kinase RSE, Tyrosine-protein kinase TIF

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|-------------------|----------|
| Molecular Weight: | 68.9 kDa |
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| UniProt: | P55144 |
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| Pathways: | RTK Signaling |
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Application Details

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| Restrictions: | For Research Use only |
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Handling

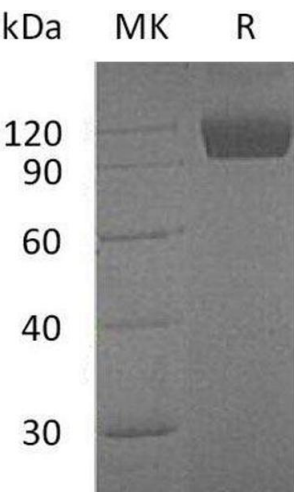
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|---------|-------------|
| Format: | Lyophilized |
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| Reconstitution: | Please refer to the printed manual for detailed information. |
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| Buffer: | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
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| Storage: | 4 °C,-20 °C,-80 °C |
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| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
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Western Blotting

Image 1.