

Datasheet for ABIN7505807

Tyrosine Hydroxylase Protein (TH) (AA 34-301) (His tag)[Go to Product page](#)

Overview

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| Quantity: | 100 µg |
| Target: | Tyrosine Hydroxylase (TH) |
| Protein Characteristics: | AA 34-301 |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Tyrosine Hydroxylase protein is labelled with His tag. |

Product Details

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| Sequence: | Phe 34-Leu 301 |
| Characteristics: | A DNA sequence encoding the Mouse TH protein (P24529) (Phe 34-Leu 301) was expressed with a N-His tag. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |

Target Details

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| Target: | Tyrosine Hydroxylase (TH) |
| Alternative Name: | Tyrosine Hydroxylase (TH Products) |
| Background: | Background: Tyrosine hydroxylase (TH) is a rate-limiting enzyme in catecholamine synthesis. Tyrosine hydroxylase activity is modulated by protein-protein interactions with enzymes in the same pathway or the tetrahydrobiopterin pathway, structural proteins considered Synonym: DYT14,DYT5b,YH,TH,The,TY3H,TYH,Tyrosine 3 hydroxylase |

Target Details

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| Molecular Weight: | 29.37 kDa |
| UniProt: | P24529 |
| Pathways: | Dopaminergic Neurogenesis , Response to Water Deprivation , Sensory Perception of Sound , Carbohydrate Homeostasis , Feeding Behaviour |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. |
| Storage: | 4 °C, -20 °C, -80 °C |
| 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. |
| Expiry Date: | 12 months |