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Datasheet for ABIN7505807

**Tyrosine Hydroxylase Protein (TH) (AA 34-301) (His tag)**

## Overview

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

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

Target:	Tyrosine Hydroxylase (TH)
Alternative Name:	Tyrosine Hydroxylase ( <a href="#">TH Products</a> )
Background:	<p>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</p> <p>Synonym: DYT14,DYT5b,YH,TH,The,TY3H,TYH,Tyrosine 3 hydroxylase</p>

Target Details

Molecular Weight:	29.37 kDa
UniProt:	<a href="#">P24529</a>
Pathways:	<a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Response to Water Deprivation</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Feeding Behaviour</a>

Application Details

Restrictions:	For Research Use only
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Handling

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