

Product Datasheet

Recombinant Human Tyrosine Hydroxylase His Protein NBP1-42461

Unit Size: 0.01 mg

Store at -80C. Avoid freeze-thaw cycles.

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NBP1-42461

Recombinant Human Tyrosine Hydroxylase His Protein

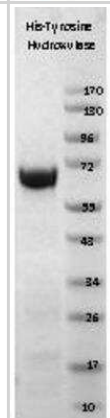
Product Information	
Unit Size	0.01 mg
Concentration	0.5 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	N/A
Purity	>90%, by SDS-PAGE
Buffer	300 mM NaCl, 2.7 mM KCl, 4.3 mM Na ₂ HPO ₄ , 1.47 mM KH ₂ PO ₄ , 5% glycerol, 1 mM DTT, pH 7.4
Target Molecular Weight	60 kDa
Product Description	
Description	Recombinant Tyrosine Hydroxylase protein with an N-terminal His tag and corresponding to amino acids 1 - 497. Source: <i>E. coli</i> (Accession #: P07101-2)
Gene ID	7054
Gene Symbol	TH
Species	Human
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, SDS-Page
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, SDS-Page
Application Notes	This Tyrosine Hydroxylase protein is useful as a positive control for Western blotting. This protein has been tested using NB300-109 for detection on a Western blot. Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID 24092694).

Images

Western Blot: Recombinant Human Tyrosine Hydroxylase His Protein [NBP1-42461] - Novus Biologicals antibody NB300-109 was used to detect the protein on a Western blot. 150 ng of protein were added to the Western blot.



SDS-Page: Recombinant Human Tyrosine Hydroxylase His Protein [NBP1-42461] - This product has a purity >95%. This protein was run on a 4-20% SDS-PAGE gel with 5 ug protein loaded.



Publications

Tompkins RP, Melling CW, Wilson TD, Bates BD et al. Arrangement of sympathetic fibers within the human common peroneal nerve: implications for microneurography J Appl Physiol (1985). 2013-11-01 [PMID: 24092694] (IHC-P)

Details:

Tyrosine Hydroxylase Protein, human (NBP1-42461) was used in IHC-P assay for blocking tyrosine hydroxylase antibody in the negative control samples as absorption control (see full text for protocol details, data shown in Fig. 9). Important Note : The exact catalog number listed in the paper (NBP1-43461) has a typographical error and the incorrect catalog number NBP1-43461 is CD1d antibody (1B1) actually, not Tyrosine Hydroxylase Protein.

Drobysheva A, Ahmad M, White R et al. Cardiac sympathetic innervation and PGP9.5 expression by cardiomyocytes after myocardial infarction: effects of central MR blockade. Am J Physiol Heart Circ Physiol 2013-12-01 [PMID: 24124186]



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Products Related to NBP1-42461

NBP2-52633	Recombinant Mouse Tyrosine Hydroxylase His Protein
212-GD-010	GDNF [Unconjugated]
NB300-109	Tyrosine Hydroxylase Antibody
NB300-141	GFAP Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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