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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTS polyclonal antibody (A01)

Catalog # : H00005805-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant PTS.

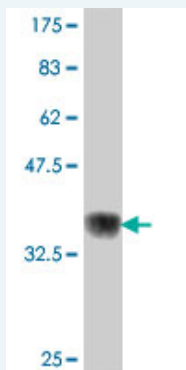
Immunogen: PTS (NP_000308, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.

Sequence: MSTEGGGRRRCQAQVSRRIIFSASHRLYSKFLSDEENLKLFGKCNNPNG
HGHNKVVVTVHGEIDPATGMVMNLADLKKYMEEAIMQPLDHNLDMDV
PYF

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.11 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5805](#)

GeneBank Accession#: [NM_000317](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein Accession#: [NP_000308](#)

Gene Name: PTS

Gene Alias: FLJ97081,PTPS

Gene Description: 6-pyruvoyltetrahydropterin synthase

Omim ID: [261640](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The enzyme encoded by this gene catalyzes the elimination of inorganic triphosphate from dihydroneopterin triphosphate, which is the second and irreversible step in the biosynthesis of tetrahydrobiopterin from GTP. Tetrahydrobiopterin, also known as BH(4), is an essential cofactor and regulator of various enzyme activities, including enzymes involved in serotonin biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia. [provided by RefSeq]

Other Designations: 6-pyruvoyl tetrahydrobiopterin synthase,6-pyruvoyl-tetrahydropterin synthase,PTP synthase

Gene Pathway

[Folate biosynthesis](#) [Metabolic pathways](#)

Related Disease

[Autistic Disorder](#) [Dystonia](#) [Dystonic Disorders](#) [Genetic Predisposition to Disease](#)
[Mental Retardation](#) [Metabolic Diseases](#) [Phenylketonuria](#) [Phenylketonurias](#)

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