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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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CBS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000875-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

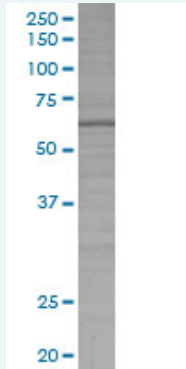
Plasmid: pCMV-CBS full-length

Host: Human

Theoretical MW (kDa): 60.6

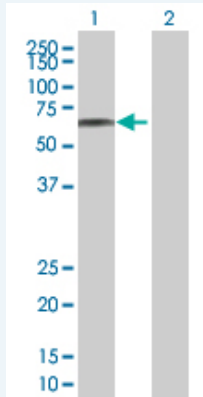
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CBS antibody (H00000875-B01) by Western Blots.

SDS-PAGE Gel



CBS transfected lysate.

Western Blot



Lane 1: CBS transfected lysate (60.6 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [875](#)

GeneBank Accession#: [NM_000071.1](#)

Protein Accession#: =

Gene Name: CBS

Gene Alias: HIP4

Gene Description: cystathionine-beta-synthase

Omim ID: [236200](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene acts as a homotetramer to catalyze the conversion of homocysteine to cystathionine, the first step in the transsulfuration pathway. The encoded protein is allosterically activated by adenosyl-methionine and uses pyridoxal phosphate as a cofactor. Defects in this gene can cause cystathionine beta-synthase deficiency (CBS), which can lead to homocystinuria. [provided by RefSeq]

Other Designations: OTTHUMP00000109416,OTTHUMP00000109418,beta-thionase,cystathionine beta-synthase,methylcysteine synthase,serine sulfhydrase

Gene Pathway

[Cysteine and methionine metabolism](#) [Glycine, serine and threonine metabolism](#)
[Metabolic pathways](#) [Selenoamino acid metabolism](#)

Related Disease

[Abnormalities](#) [Adenocarcinoma](#) [Alzheimer Disease](#) [Alzheimer disease](#)
[Aortic Aneurysm](#), [Abdominal Arterial Occlusive Diseases](#) [Arteriosclerosis](#) [Atherosclerosis](#)
[Attention](#) [Brain Infarction](#) [Brain Ischemia](#) [Brain Neoplasms](#) [Breast cancer](#) [Breast Neoplasms](#)
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