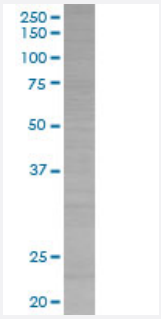
CSH2 293T Cell Transient Overexpression Lysate(Denatured)

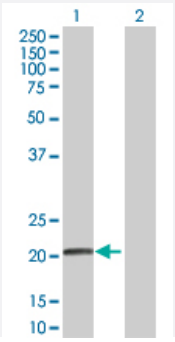
Catalog # H00001443-T02 Size 100 uL

Applications



SDS-PAGE Gel

CSH2 transfected lysate.



Western Blot

Lane 1: CSH2 transfected lysate (25 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CSH2 full-length
Host	Human
Theoretical MW (kDa)	25
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CSH2 antibody (H00001443-B02) by Western Blots. SDS-PAGE Gel CSH2 transfected lysate. Western Blot Lane 1: CSH2 transfected lysate (25 KDa) Lane 2: Non-transfected lysate.

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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.

Applications

- Western Blot

Gene Info — CSH2

Entrez GeneID	1443
GeneBank Accession#	NM_020991.3
Protein Accession#	-
Gene Name	CSH2
Gene Alias	CS-2, CSB, hCS-B
Gene Description	chorionic somatomammotropin hormone 2
Omim ID	118820
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the somatotropin/prolactin family of hormones and plays an important role in growth control. The gene is located at the growth hormone locus on chromosome 17 along with four other related genes in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. Although the five genes share a remarkably high degree of sequence identity, they are expressed selectively in different tissues. Alternative splicing generates additional isoforms of each of the five growth hormones. This particular family member is expressed mainly in the placenta and utilizes multiple transcription initiation sites. Expression of the identical mature proteins for chorionic somatomammotropin hormones 1 and 2 is upregulated during development, while the ratio of 1 to 2 increases by term. Structural and expression differences provide avenues for developmental regulation and tissue specificity. [provided by RefSeq
Other Designations	chorionic somatomammotropin B|placental lactogen

Disease

- Birth Weight

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- Metabolic Syndrome X

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