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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CSH2 (Human) Recombinant Protein (P01)

Catalog Number: H00001443-P01

Regulation Status: For research use only (RUO)

Product Description: Human CSH2 full-length ORF (NP_066271.1, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAAGSRTSLLLAFALLCLPWLQEAGAVQTVPLSRLFD
HAMLQAHRAHQLAIDTYQEFEETYIPKDQKYSFLHDSQ
TSFCFSDSIPTPSNMEETQKQSNLELLRISLLIESWLE
PVRFLRSMFANNLVYDTSDDYHLLKDLEEGIQTLM
GRLEDGSRRTGQILKQTYSKFDTNSHNHDALLKNYGL
LYCFRKDMDKVETFLRMVQCRSVEGSCGF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 51.4

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 1443

Gene Symbol: CSH2

Gene Alias: CS-2, CSB, hCS-B

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]