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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CSH1 (Human) Recombinant Protein

Catalog Number: P9030

Regulation Status: For research use only (RUO)

Product Description: Human CSH1 (P0DML2, 27 a.a. - 217 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in *Baculovirus*.

Sequence:

VQTVPLSRLFDHAMLQAHRAHQLAIDTYQEFEETYIPK
DQKYSFLHDSQTSFCFSDSIPTPSNMEETQQKSNLELL
RISLLIESWLEPVRFRLSMFANNLVYDTSDDYHLLK
DLEEGIQTLMGRLDGSRRTGQILKQTYSKFDTNSHN
HDALLKNYGLLYCFRKDMDKVETFLRMVQCRSVEGS
CGFHHHHHH

Host: Escherichia coli

Theoretical MW (kDa): 23.1

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

Form: Liquid

Preparation Method: *Baculovirus* expression system

Purity: > 90% by SDS PAGE

Activity: Determined by cell proliferation assay using
Nb2-11 Rat lymphoma cells. ED₅₀ range for this effect is
? 0.8 ng/mL.

Storage Buffer: Lyophilized from 30% Glycerol and
Phosphate-Buffered Saline (pH 7.4).

Storage Instruction: Store at -20°C. Aliquot the product
after reconstitution to avoid repeated freezing/thawing
cycles.

Entrez GeneID: 1442

Gene Symbol: CSH1

Gene Alias: CSA, CSMT, FLJ75407, PL

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, leading to further diversity and potential for specialization. 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, although the ratio of 1 to 2 increases by term. Mutations in this gene result in placental lactogen deficiency and Silver-Russell syndrome. [provided by RefSeq]