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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CBS (Human) Recombinant Protein (Q01)

Catalog Number: H00000875-Q01

Regulation Status: For research use only (RUO)

Product Description: Human CBS partial ORF (NP_000062, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPSETPQAEVGP TGCPHRSGPHSAKGSLEKGSPE DK
EAKEPLWIRPDAPSRCTWQLGRPASESPHHHTAPAKS
PKILPDILKKIGDTPMVRINKIGKFG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

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: 875

Gene Symbol: CBS

Gene Alias: HIP4

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]