

Product Datasheet

Recombinant Human CBS GST (N-Term) Protein H00000875-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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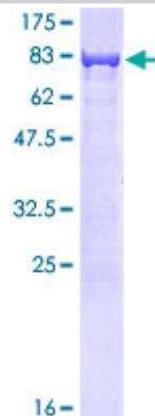


H00000875-P01-10ug**Recombinant Human CBS GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	86.35 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-551 of Human CBS</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MPSETPQAEVGP TGCPHRSGPHSAKGSLEKGSPEDEKEAKEPLWIRPDAPSRC TWQLGRPASESPHHHTAPAKSPKILPDILKKIGDTPMVRINKIGKKFGLKCELLA KCEFFNAGGSVKDRISLRMIEDAERDGLKPGDTIIIEPTSGNTGIGLALAAAVRG YRCIIVMPEKMSSEKVDVLRALGAEIVRTPTNARFDSPESHVGVAVRLKNEIPN SHILDQYRNASNPLAHYDTTAEILQQCDGKLDMLVASVGTGGTITGIARKLKE KCPGCRIGVDPEGSILAEPEELNQTEQTTYEVEGIGYDFIPTVLDRTVVDKWFK SNDEEAFTFARMLIAQEGLLCGGSAGSTVAVAVKAAQELQEGQRCVVILPDSV RNYMTKFLSDRWMLQKGFLEEDLTEKKPWWWHLRVQELGLSAPLTVLPTIT CGHTIEILREKGFQAPVVDEAGVILGMVTLGNMLSSLLAGKVQPSDQVGKVIY KQFKQIRLTDLGR LSHILEMDHFALVVHEQIQYHSTGKSSQRQMVFGVVT AID LLNFVAAQERDQK</p>
Gene ID	875
Gene Symbol	CBS
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Human CBS Protein [H00000875-P01] - 12.5%
SDS-PAGE Stained with Coomassie Blue.



Publications

Zimmermann KK, Spassov SG, Strosing KM et al. Hydrogen Sulfide Exerts Anti-oxidative and Anti-inflammatory Effects in Acute Lung Injury. *Inflammation* 2017-11-02 [PMID: 29098482]

Austgen JR, Hermann GE, Dantzer HA et al. HYDROGEN SULFIDE (H₂S) AUGMENTS SYNAPTIC NEUROTRANSMISSION IN THE NUCLEUS OF THE SOLITARY TRACT (NTS). *J Neurophysiol.* 2011-07-06 [PMID: 21734104]

Nevoral J, Zalmanova T, Zamostna K et al. Endogenously produced hydrogen sulfide is involved in porcine oocyte maturation in vitro. *Nitric Oxide* 2015-10-09 [PMID: 26456342]

Baskar R, Li L, Moore PK. Hydrogen sulfide-induces DNA damage changes in apoptotic gene expression in human lung fibroblast cells. *FASEB J*;21(1):247-55. 2007-01-01 [PMID: 17116745]

Whiteman M, Li L, Rose P et al. The effect of hydrogen sulfide donors on lipopolysaccharide-induced formation of inflammatory mediators in macrophages. *Antioxid Redox Signal*;12(10):1147-54. 2010-05-15 [PMID: 19769459]



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Products Related to H00000875-P01-10ug

H00000875-Q03-10ug	Recombinant Human CBS GST (N-Term) Protein
H00001491-M01-100ug	Cystathionase Antibody (4E1-1B7)
NBP1-33518	CBS Antibody
MAB1417	Insulin Antibody (182410) [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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