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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

GSS (Human) Recombinant Protein (P02)

Catalog Number: H00002937-P02

Regulation Status: For research use only (RUO)

Product Description: Human GSS full-length ORF (AAH07927, 1 a.a. - 474 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MATNWGSELLQDKQQLEELARQAVDRALAEGLVLLRTS
QEPTSSEVVSYAPFTLFPVSLVPSALLEQAYAVQMDFNL
LVDAVSQNAAFLEQTLSSSTIKQDDFTARLFDIHKQVLKE
GIAQTVFLGLNRSYMFQRSADGSPALKQIEINTISASF
GGLASRTPAVHRHVLSVLSKTKEAGKILSNPSPKGLAL
GIAKAWELYGSPNALVLLIAQEKERNIFDQRAIENELLA
RNIHVIRRTFEDISEKGLDQDRRLFVDGQEIIVVYFRD
GYMPRQYSLQNWEARLLERSHAAKCPDIATQLAGTK
KVQQELSRPGMLEMLLPQPEAVARLRATFAGLYSLD
VGEEGDQAI AEALAPSRLFVLPKQREGGNNLYGEE
MVQALKQLKDSEERASYILMEKIEPEPFENCLLRPGSP
ARVVQCISELGIFGVYVRQEKTLVMNKHVGHLLRTKAI
EHADGGVAAGVAVLDNPYPV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 77.88

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: 2937

Gene Symbol: GSS

Gene Alias: GSHS, MGC14098

Gene Summary: Glutathione is important for a variety of biological functions, including protection of cells from oxidative damage by free radicals, detoxification of xenobiotics, and membrane transport. The protein encoded by this gene functions as a homodimer to catalyze the second step of glutathione biosynthesis, which is the ATP-dependent conversion of gamma-L-glutamyl-L-cysteine to glutathione. Defects in this gene are a cause of glutathione synthetase deficiency. [provided by RefSeq]