

Glutathione Synthetase Recombinant Protein | GSS recombinant protein

Recombinant Human Glutathione Synthetase

CATALOG #
AAA38853HOST
E Coli

PRODUCT SYNONYMS

Glutathione Synthetase; Recombinant Human Glutathione Synthetase; GSS Human; Glutathione Synthetase Human Recombinant; Glutathione synthetase; GSH synthetase; GSH-S; Glutathione synthase; GSHS; MGC14098; GSS; GSS recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The GSS solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.
Sequence	<u>MGSSHHH HQHSSGLVPR GSHMAT</u> NWGSLQDKQ QLEELARQAV DRALAEGLVLL RTSQEPTSSE VVSYAPFTLF PSLVPSALLE QAYAVQMDFN LLVDAVSQNA AFLEQTLST IKQDDFTARL FDIHKQVLKE GIAQTVFLGL NRDYMFQRS ADGSPALKQI EINTISASFG GLASRTPAVH RHVLSVLSKT KEAGKILSNN PSKGLALGIA KAWELYGSPN ALVLLIAQEK ERNIFDQRAI ENELLARNIH VIRRTFEDIS EKGSLDQDRR LFVDGQEIAV VYFRDGYMPR QYSLQNWEAR LLLERSHAAK CPDIATQLAG TKKVQQELSR PGMLEMLLPG QPEAVARLRA TFAGLYSLDV GEEGDQAIAE ALAAPSRFVL KPQREGGGNN LYGEEMVQAL KQLKDSEERA SYILMEKIEP EPFENCLLRP GSPARVVQCI SELGIFGVYV RQEKTLVMNK HVGHLLRTKA IEHADGGVAA GVAVLDPYP V
Sequence Length	474
Appearance	Sterile filtered colorless solution
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for GSS recombinant protein	Description: GSS Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E Coli is a single, non-glycosylated, polypeptide chain containing 494 amino acids (1-474 a.a.) and having a molecular mass of 54.5kDa. The GSS is purified by proprietary chromatographic techniques.
Product Categories/Family for GSS recombinant protein	Enzymes ; Synthetase

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504169
NCBI GeneID	2937
NCBI Accession #	NP_000169.1
NCBI GenBank Nucleotide #	NM_000178.2
UniProt Accession #	P48637 ; Q4TTD9 ; B2R697 ; B6F210 ; E1P5P9
NCBI Official Full Name	glutathione synthetase
NCBI Official Synonym Full Names	glutathione synthetase

NCBI Official Symbol	GSS
NCBI Official Synonym Symbols	GSHS; HEL-S-64p; HEL-S-88n
NCBI Protein Information	glutathione synthetase; GSH synthetase; GSH-S; epididymis secretory sperm binding protein Li 64p; epididymis secretory sperm binding protein Li 88n; glutathione synthase
UniProt Protein Name	Glutathione synthetase
UniProt Gene Name	GSS
UniProt Synonym Gene Names	GSH synthetase; GSH-S
UniProt Entry Name	GSHB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gss-recombinant-protein-e-coli/38853>