

RPPB1750

Product Information Protein Information

Product SKU:

RPPB1750

Accession:

P48637

Host:

Escherichia Coli.

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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutathione synthetase, GSH synthetase, GSH-S, Glutathione synthase, GSHS, MGC14098, GSS.

Formulation:

The GSS solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHQH SGLVPRGSH MATNWGSLQ DKQQLLELAR QAVDRALAEG VLLRTSQEPT SSEVVSYPF
TLFPSLVPSA LLEQAYAVQM DFNLLVDAVS QNAAFLEQTL SSTIKQDDFT ARLFDIHKQV LKEGIAQTVF
LGLNRSYMF QRSADGSPAL KQIEINTISA SFGGLASRTP AVHRHVLVSL SKTKEAGKIL SNNPSKGLAL
GIAKAWELYG SPNALVLLIA QEKERNIFDQRAIENELLAR NIHVIRRTFE DISEKGLDQ DRRLFVDGQE
IAVVYFRDGY MPRQYSLQNW EARLLERSH AAKCPDIATQ LAGTKKVQQE LSRPGMLEML LPGQPEAVAR
LRATFAGLYS LDVGEEGDQA IAEALAAPSR FVLKPQREGG GNNLYGEMV QALKQLKDSE ERASYLMEK
IEPEPFENCL LRPGSPARVV QCISELGIFG VYVRQEKTLV MNKHVGHLLR TKAIEHADGG VAAGVAVLND PYPV.