

Recombinant Human GLS protein, GST-tagged

Cat. No. GLS-2970H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GLS protein(O94925)(370-669aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	370-669aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.4 kDa
AA Sequence	YVGFSNATFQSERESGDRNFAIGYYLKEKKCFPEGTDMVGILDFYFQLCSIEVTCS ASVMAATLANGGFCPITGERVLSPEAVRNTLSLMHSCGMYDFSGQFAFHVGLPAKS GVAGGILLVVPNVMMGMCWSPPLDKMGNSVKGIHFCHDLVSLCNFHNNDNLRHFA KKLDPRREGGDQVRKSVINLLFAAYTGDVSALRRFALSAMDMEQRDYDSRTALHVA AAEGHVEVVKFLLEACKVNPFPKDRWNNTPMDEALHFGHHDVFKILQEYQVQYTPQ GDSDNGKENQTVHKNLDGLL
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	GLS glutaminase [Homo sapiens]
Official Symbol	GLS
Synonyms	GLS; glutaminase; glutaminase kidney isoform, mitochondrial; GLS1; KIAA0838; K-glutaminase; glutaminase C; L-glutamine amidohydrolase; glutaminase, phosphate-activated; GAC; GAM; KGA; AAD20; FLJ10358; FLJ41499; DKFZp686D14231; DKFZp686O15119;
Gene ID	2744
mRNA Refseq	NM_001256310
Protein Refseq	NP_001243239
MIM	138280
UniProt ID	O94925