

Recombinant Glutaminase (GLS) Instruction Manual

SIPJ013Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Mitochondrion, Cytoplasm
Predicted Molecular Mass	37.5kDa
Accurate Molecular Mass	38kDa(Analysis of differences refer to the manual)
Residues & Tags	Phe227~Leu533 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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FTSH IDELYESAKK QSGGKVADYI
PQLAKFSPDL WGVSVCTVDG QRHSTGDTKV PFCLQSCVKP LKYAIAVNDL
GTEYVHRYVG KEPSGLRFNK LFLNEDDKPH NPMVNAGAIV VTSLIKQGVN
NAEKFDYVMQ FLNKMAGNEY VGFSNATFQS ERESGDRNFA IGYYLKEKKC
FPEGTDMVGI LDFYFQLCSI EVTCEASVM AATLANGGFC PITGERVLSP
EAVRNTLSLM HSCGMYDFSG QFAFHVGLPA KSGVAGGILL VVPNVMGMMC
WSPPLDKMGN SVKGIHFCHD LVSLCNFHNY DNL
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

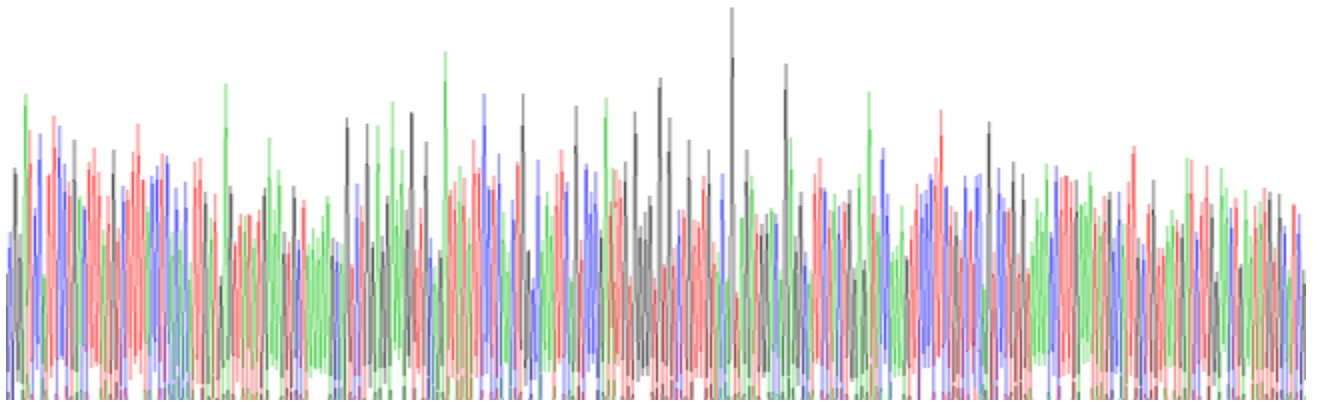
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.