

RPPB1419

Product Information Protein Information

Product SKU:

RPPB1419

Accession:

Q61024

Host:

Sf9, Insect cells.

Protein description:

ASNS produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 567 amino acids (1-561a.a.) and having a molecular mass of 65.1 kDa. ASNS is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutamine-dependent asparagine synthetase, Asns, Asparagine synthetase.

Formulation:

ASNS protein solution (0.25mg/ml) contains PBS (pH 7.4) and 40% 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:

MCGIWALFGS DDCLSVQCLS AMKIAHRGPD AFRFENVNGY TNCCFGFHRL AVVDPLFGMQ PIRVRKYPYL
WLCYNGEINY HKALQQRFEF EYQTNVDGEI ILHLYDKGGI EKTICMLDGV FAFILLDTAN KKVFLGRDLY
GVRPLFKAMT EDGFLAVCSE AKGLVSLKHS TTPFLKVEPF LPGHYEVLDL KPNGKVASVE MVKYHHCTDE
PLHAIYDSVE KLFPGFDLET VKNNLRILFD NAIKKRLMTD RRIGCLSSGG LDSSLVAASL LKQLKEAQVQ
YPLQTFAGIM EDSPDLLAAR KVANYIGSEH HEVLFNSEEG IQALDEVIFS LETYDITTVR ASVGMYLISK
YIRKNTDSVV IFSGEGSDEL TQGYIYFHK A PSPEKAEES ERLKELYLF DVLRADRTTA AHGLELRVPF
LDHRFSSYLL SLPDMRIPK NGIEKHLRE TFEDCNLLPK EILWRPKEAF SDGITSVKNS WFKILQDYVE
HQVDDEMMSA SQKFPFNTPT KTEGYFYRQ IFERHYPGRA DWLTHYWMPK WINATDPSAR TLTHYKS AAK
AHHHHHH.