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32-6672: ASNS Mouse

Alternative Name : Glutamine-dependent asparagine synthetase, Asns, Asparagine synthetase.Â

Description

Source: Sf9, Insect cells.
Sterile Filtered colorless solution.
Asparagine synthetase (ASNS) is a cytoplasmic enzyme that turns aspartate toasparagine and functions mostly in mammalian organs. ASNS is responsible for cell growthand its mRNA content is associated with changes in the cell cycle. ASNS may also play a role as a biomarker for ovarian cancer.
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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	ASNS protein solution (0.25mg/ml) contains PBS (pH 7.4) and 40% glycerol.
Storage condition :	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 :	MCGIWALFGS DDCLSVQCLS AMKIAHRGPD AFRFENVNGY TNCCFGFHRL AVVDPLFGMQ PIRVRKYPYL WLCYNGEIYN HKALQQRFEF EYQTNVDGEI ILHLYDKGGI EKTICMLDGV FAFILLDTAN KKVFLGRDTY GVRPLFKAMT EDGFLAVCSE AKGLVSLKHS TTPFLKVEPF LPGHYEVLDL KPNGKVASVE MVKYHHCTDE PLHAIYDSVE KLFPGFDLET VKNNLRILFD NAIKKRLMTD RRIGCLLSGG LDSSLVAASL LKQLKEAQVQ YPLQTFAIGM EDSPDLLAAR KVANYIGSEH HEVLFNSEEG IQALDEVIFS LETYDITTVR ASVGMYLISK YIRKNTDSVV IFSGEGSDEL TQGYIYFHKA PSPEKAEEES ERLLKELYLF DVLRADRTTA AHGLELRVPF LDHRFSSYYL SLPPDMRIPK NGIEKHLLRE TFEDCNLLPK EILWRPKEAF SDGITSVKNS WFKILQDYVE HQVDDEMMSA SQKFPFNTP KTKEGYFYRQ IFERHYPGRA DWLTHYWMPK WINATDPSAR TLTHYKS AAK AHHHHHH.

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