

32-6946: Urokinase

Alternative Name : PLAU, ATF, BDPLT5, QPD, u-PA, UPA, URK, Urokinase-type plasminogen activator, U-plasminogen activator, uPA, Urokinase-type plasminogen activator long chain A, Urokinase-type plasminogen activator short chain A, Urokinase-type plasminogen activator chain B.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

Urokinase (UK) is a serine protease, which is one of biological plasminogen activators. It is involved in a number of biological functions including fibrinolysis, embryogenesis, cell migration, tissue remodeling, ovulation, and wound healing. It can be obtained from human urine or kidney cell culture.

Urokinase Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 419 amino acids (21-431) and having a molecular mass of 47.4kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). Urokinase is fused to 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : Urokinase protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4) and 10% 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 : SNELHQVPSN CDCLNGGTCV SNKYFSNIHW CNCPKKFGGQ HCEIDKSKTC YEGNGHFYRG
KASTDTMGRP CLPWNSATVL QQTYHAHRSD ALQLGLGKHN YCRNPDNRRR PWCYVQVGLK
PLVQECMVHD CADGKKPSSP PEELKFQCGQ KTLRPRFKII GGEFTTIENQ PWFAAIYRRH RGGSVTYVCG
GSLISPCWVI SATHCFIDYP KKEDYIVYLG RSRLNSNTQG EMKFEVENLI LHKDYSADTL AHHNDIALLK
IRSKEGRCAQ PSRTIQTICL PSMYNDPQFG TSCEITGF GK ENSTDYLYPE QLKMTVVKLI SHRECQQPHY
YGSEVTTKML CAADPQWKT D SCQGDSSGGL VCSLQGRMTL TGIVSWGRGC ALKDKPGVYT
RVSHFLPWIR SHTKEENGLA LLEHHHHHH.