Human p16-INK4a Recombinant Protein

RPPB2593

Product Information

Product SKU:
RPPB2593

Accession:
P42771

Host:
Escherichia Coli.

Protein Information

Protein description:
p16-INK4a Human Recombinant is a single, non-glycosylated, polypeptide chain produced in E.coli, containing a total of 168 amino acids, which includes the 156 residues of full-length p16-INK4a and a 13-residue C-terminal TAT peptide (GGYGRKKRRQRRR), having a total Mw of 18kDa. p16-INK4a is purified by proprietary chromatographic techniques.

Appearance:
Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:
Cyclin-dependent kinase 4 inhibitor A, CDK4I, p16-INK4, p16-INK4a, p16INK4A, CDKN-2A, CDKN2, Multiple tumor suppressor 1, MTS1, CMM2, MLM, TP16, p16(INK4), p19.

Formulation:
Lyophilized from a 0.2μm filtered concentrated solution in 1xPBS, pH 7.4.

Purity:
Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:
It is recommended to reconstitute the lyophilized p16-INK4a in sterile 18MΩ-cm H2O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.

Stability:
Lyophilized p16-INK4a although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution p16-INK4a should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Amino Acid Sequence:
EPAAGSSMEP SADWLATAAA RGRVEEVRAL LEAGALPNAP NSYGRRPIQV MMMGSARVAE LLLLHGAEPN CADPATLTRP VHDAAREGFL DTLVVLHRAG ARLDVRDAWG RLPVDLAEEL GHRDVARYLR AAAGGTRGSN HARIDAAEGP SDIPDGGYGR KKRRQRRR.