

Human IDH3G Recombinant Protein



RPPB1841

Product Information Protein Information

Product SKU:

RPPB1841

Accession:

P51553

Host:

E.coli.

Protein description:

IDH3G Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 375 amino acids (40-393) and having a molecular mass of 41.1kDa. IDH3G is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial, Isocitric dehydrogenase subunit gamma, NAD(+)-specific ICDH subunit gamma, IDH3G, H-IDHG.

Formulation:

The IDH3G solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl, 5mM DTT and 2mM EDTA.

Purity:

Greater than 85% 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:

MGSSHHHHHH SGLVPRGSH MFSEQTIPPS AKYGRHTVT MIPGDGIGPE LMLHVKS VFR HACVPVDFEE
VHVSSNADEE DIRNAIMAIR RNRVALKGNI ETNHNLPSSH KSRNNILRTS LDLYANVIHC KSLPGVVTRH
KDIDILIVRE NTEGEYSSLE HESVAGVVES LKIITKAKSL RIAEYAFKLA QESGRKKVTA VHKANIMKLG
DGLFLQCCRE VAARYPQITF ENMIVDNTTM QLVS RPQQFD VMVMPNLYGN IVNNVCAGLV GGPGLVAGAN
YGHVYAVFET ATRNTGKZIA NKNIANPTAT LLASCMMLDH LKLHSYATSI RKAVLASMDN ENMHTPDIGG
QGTTSEAIQD VIRHIRVING RAVEA.