

Human C12ORF5 Recombinant Protein



RPPB2928

Product Information Protein Information

Product SKU:

RPPB2928

Accession:

Q9NQ88

Host:

Escherichia Coli.

Protein description:

TIGAR Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 270 amino acids and having a molecular mass of 30.1kDa. The TIGAR is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Fructose-2,6-bisphosphatase TIGAR, TP53-induced glycolysis and apoptosis regulator, TIGAR, C12orf5.

Formulation:

TIGAR was Lyophilized from a 0.2 µm filtered concentrated solution in 20mM Tris-HCl, pH8.5, 150mM NaCl.

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 TIGAR in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized TIGAR stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution TIGAR should be stored at 4C between 2-7 days and for future use below -18C. 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:

MARFALTVVR HGETRFNKEK IIQQQGVDEP LSETGFKQAA AAGIFLNNVK FTHAFSSDLM RTKQTMHGIL
ERSKFCKDMT VKYDSRLRER KYGVVEGKAL SELRAMAKAA REECPVFTPP GGETLDQVKM RGIDFFFLC
QLILKEADQK EQFSQGSPSN CLETSLAEIF PLGKNHSSKV NSDSGIPGLA ASVLVSSHGA YMRSFLFDYFL
TDLKCSLPAT LRSSELM SVT PNTGMSLFII NFEEGREVKP TVQCICMNLQ DHLNGLTETR