9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-20231: Recombinant Human TIGAR(Discontinued)

Alternative Name : TP53-induced glycolysis and apoptosis regulator (TIGAR)

Description

Source:E.coli
TIGAR is a p53-inducible enzyme that catalyzes the hydrolysis of fructose-2-6 bisphosphate (F-2-6-BP) to fructose-6-phosphate and inorganic phosphate. F-2-6-BP is a powerful activator of 6-phosphofructose-1 kinase, the rate limiting enzyme of glycolysis. By lowering the intracellular level of F-2-6-BP, TIGAR expression leads to increased glucose processing via the pentose phosphate pathway, the major cellular source for NADPH. Recombinant Human TIGAR expressed in E. coli is a 29.9 kDa protein containing 269 amino acid residues.

Product Info

Amount : 5 µg / 25 µg
Purification : Purity: >= 95% by SDS-PAGE gel and HPLC analyses.
Amino Acid : ARFALTVVRH GETRFNKEKI IQGQGVDEPL SETGFKQAAA AGIFLNNVKF THAFSSDLMR TKQTMHGILE RSKFCKDMTV KYDSRLRERK YGVVEGKALS ELRAMAKAAR EECPVFTPPG GETLDQVKMR GIDFFEFLCQ LILKEADQKE QFSQGSPSNC LETSLAEIFP LGKNHSSKVN SDSGIPGLAA SVLVVSHGAY MRSLFDYFLT DLKCSLPATL SRSELMSVTP NTGMSLFIIN FEEGREVKPT VQCICMNLQD HLNGLTETR