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

32-7148: Recombinant Human 40S Ribosomal Protein S19/RPS19

Gene : RPS19
Gene ID : 6223
Uniprot ID : P39019

Description

Source: E.coli.
MW :16.1kD.
Recombinant Human 40S Ribosomal Protein S19 is produced by our E.coli expression system and the target gene encoding Pro2-His145 is expressed. 40S Ribosomal Protein S19 (RPS19) is a ribosomal protein that Belongs to the ribosomal protein S19e family. RPS19 is located in the nucleoli, and higher level expression is seen in colon carcinoma tissue than normal colon tissue. It required for pre-rRNA processing and maturation of 40S ribosomal subunits. RPS19 plays a role in many biological processes, such as endocrine pancreas development, erythrocyte differentiation, mRNA metabolic process. Defects in RPS19 are the cause of Diamond-Blackfan anemia type 1 (DBA1), which is a form of Diamond-Blackfan anemia, a congenital non-regenerative hypoplastic anemia that usually presents early in infancy. Diamond-Blackfan anemia is characterized by a moderate to severe macrocytic anemia, erythroblastopenia, and an increased risk of malignancy.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	PGVTVKDVNQQEFVRALAAFLKKSGKLKVPEWVDTVKLAKHKELAPYDENWFYTRAASTARHLYLRGGAGVG SMTKIYGGRQRNGVMPSHFSRGSKSVARRVLQALEGLKMVEKDQDGGRKLTPQGQRDLDRIAGQVAAANKK H

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.