

32-4240: Recombinant Human Mitochondrial Ribosomal Protein L28

Alternative Name MAAT1,p15,39S ribosomal protein L28,mitochondrial,L28mt,MRP-L28,Melanoma-associated antigen : recognized by T-lymphocytes.

Description

Source : E.coli. MRPL28 Human Recombinant produced in E. coli is a single polypeptide chain containing 222 amino acids (56-256) and having a molecular mass of 25.8 kDa. MRPL28 is fused to 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. MRPL28 is found in a variety of normal tissues such as spleen, testis, thymus, liver, kidney, brain, adrenal, lung and retinal tissue. 39S ribosomal protein L28, mitochondrial (MRPL28), is a part of the ribosomal protein L28P family. Mammalian mitochondrial ribosomal proteins encoded by nuclear genes and helps in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. MRPL28 is an important therapeutic reagent for HLA-A24 (A24) patients since this antigen is distinguished by tumor-infiltrating lymphocyte (TIL) 1290, which targets the A24 serotype.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The MRPL28 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.5), 0.1M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MNGQRRVED VPIPIYFPPE SQRLWGGEG WILGQIYANN DKLSKRLKKV WKPQLFEREF YSEILDKKFT VVTMRTL DL IDEAYGLDFY ILKTPKEDLC SKFGMDLKR MLLRLARQDP QLHPEDPERR AAIYDKYKEF AIPEEEAEWV GLTLEEAI EK QRLLEEKDPV PLFKIYVAEL IQLQQQALS EPAVVQKRAS GQ.

