Recombinant Human 60S ribosomal protein L3 (RPL3)

Product Code	CSB-MP020224HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P39023
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SHRKFSAPR HGSLGFLPRK RSSRHRGKVK SFPKDDPSKP VHLTAFLGYK AGMTHIVREV DRPGSKVNKK EVVEAVTIVE TPPMVVVGIV GYVETPRGLR TFKTVFAEHI SDECKRRFYK NWHKSKKKAF TKYCKKWQDE DGKKQLEKDF SSMKKYCQVI RVIAHTQMRL LPLRQKKAHL MEIQVNGGTV AEKLDWARER LEQQVPVNQV FGQDEMIDVI GVTKGKGYKG VTSRWHTKKL PRKTHRGLRK VACIGAWHPA RVAFSVARAG QKGYHHRTEI NKKIYKIGQG YLIKDGKLIK NNASTDYDLS DKSINPLGGF VHYGEVTNDF VMLKGCVVGT KKRVLTLRKS LLVQTKRRAL EKIDLKFIDT TSKFGHGRFQ TMEEKKAFMG PLKKDRIAKE EGA
Source	Mammalian cell
Target Names	RPL3
Protein Names	Recommended name: 60S ribosomal protein L3 Alternative name(s): HIV-1 TAR RNA-binding protein B Short name= TARBP-B
Expression Region	2-403
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Ribosomes, the complexes that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L3P family of ribosomal proteins and it is located in the cytoplasm. The protein can bind to the HIV-1 TAR mRNA, and it has been suggested that the protein contributes to tat-mediated transactivation. This gene is co-transcribed with several small nucleolar RNA genes, which are located in several of this gene s introns. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

	contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.