RPL10 (Human) Cell-Based ELISA Kit

Catalog # KA2548 Size 1 Kit

Specification

Product Description	RPL10 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of RPL10 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — RPL10

Entrez GeneID	6134
Protein Accession#	P27635
Gene Name	RPL10
Gene Alias	DKFZp686J1851, DXS648, DXS648E, FLJ23544, FLJ27072, NOV, QM
Gene Description	ribosomal protein L10

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Omim ID	312173
Gene Ontology	Hyperlink
Gene Summary	Ribosomes, the organelles 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 L10E family of ribosomal proteins. It is located in the cytoplasm. In vitro studies have shown that the chicken protein can bind to c-Jun and can repress c-Jun-mediated transcriptional activation, but these activities have not been demonstrated in vivo. This gene was initially identified as a candidate for a Wilms tumor suppressor gene, but later studies determined that this gene is not involved in the suppression of Wilms tumor. This gene has been referred to as 'laminin receptor homolog' because a chimeric transcript consisting of sequence from this gene and sequence from the laminin receptor gene was isolated; however, it is not believed that this gene encodes a laminin receptor. Transcript variants utilizing alternative polyA signals exist. The variant with the longest 3' UTR overlaps the deoxyribonuclease I-like 1 gene on the opposite strand. This gene is co-transcribed with the small nucleolar RNA gene U70, which is located in its fifth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq
Other Designations	60S ribosomal protein L10|OTTHUMP00000063212|QM protein|Wilms tumor-related protein|Wilms' tumor suppressor|laminin receptor homolog|tumor suppressor QM

Disease

- Autistic Disorder
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease

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