Killin (KLLN) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Killin (KLLN), ELISA Kit
Full Product Name	Human Killin (KLLN) ELISA Kit
Product Gene Name	KLLN elisa kit
Species Reactivity	Human
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	19,958 Da
Chromosome Location	Chromosome: 10; NC_000010.10 (89618918..89623194, complement). Location: 10q23
OMIM	612105
3D Structure	ModBase 3D Structure for B2CW77
Related Product Information for KLLN elisa kit	MBS9313247 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Killin (KLLN) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing KLLN. The ELISA analytical biochemical technique of the MBS9313247 kit is based on KLLN antibody-KLLN antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect KLLN antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, KLLN. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of KLLN elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KLLN. It may not necessarily be applicable to this product.

NCBI GI #	186700631
NCBI GeneID	100144748
NCBI Accession #	NP_001119521.1
UniProt Primary Accession #	B2CW77
UniProt Related Accession #	B2CW77
GenBank Nucleotide #	NM_001126049.1
NCBI Official Full Name	killin
NCBI Official Synonym Full Names	killin, p53-regulated DNA replication inhibitor
NCBI Official Symbol	KLLN
NCBI Official Synonym Symbols	CWS4; KILLIN
UniProt Protein Name	Killin
Protein Family	Killin
UniProt Gene Name	KLLN

UniProt Entry Name	KILIN_HUMAN
NCBI Protein Information	killin
NCBI Summary for KLLN	The protein encoded by this intronless gene is found in the nucleus, where it can inhibit DNA synthesis and promote S phase arrest coupled to apoptosis. The expression of this DNA binding protein is upregulated by transcription factor p53. [provided by RefSeq, Dec 2012]
UniProt Comments for KLLN	KILLIN: DNA-binding protein involved in S phase checkpoint control-coupled apoptosis by mediating p53/TP53-induced apoptosis. Has the ability to inhibit DNA synthesis and S phase arrest coupled to apoptosis. Has affinity to both double- and single- stranded DNA. Chromosomal Location of Human Ortholog: 10q23 Cellular Component: nucleus Molecular Function: DNA binding Biological Process: apoptosis; cell cycle Disease: Cowden Syndrome 4
Research Articles on KLLN	**1.** KLLN is a transcription factor directly regulating AR, TP53, and TP73 expression, with a role in prostate carcinogenesis.
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