CSTB (Human) Cell-Based ELISA Kit

Catalog # KA3231 Size 1 Kit

Specification

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

Applications

- Qualitative

Gene Info — CSTB

Entrez GeneID	1476
Gene Name	CSTB
Gene Alias	CST6, EPM1, PME, STFB
Gene Description	cystatin B (stefin B)
Omim ID	254800 601145

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Gene Ontology	Hyperlink
Gene Summary	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and kininogens. This gene encodes a stefin that functions as an intracellular thiol protease inhibitor. The protein is able to form a dimer stabilized by noncovalent forces, inhibiting papain and cathepsins l, h and b. The protein is thought to play a role in protecting against the proteases leaking from lysosomes. Evidence indicates that mutations in this gene are responsible for the primary defects in patients with progressive myoclonic epilepsy (EPM1). [provided by RefSeq
Other Designations	CPI-B|cystatin B|liver thiol proteinase inhibitor|stefin B

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Epilepsy

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