

CSTA (Human) Cell-Based ELISA Kit

Catalog # KA3230

Size 1 Kit

Specification

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

Applications

- Qualitative

Gene Info — CSTA

Entrez GeneID	1475
Gene Name	CSTA
Gene Alias	STF1, STFA
Gene Description	cystatin A (stefin A)
Omim ID	184600

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 a cysteine protease inhibitor, forming tight complexes with papain and the cathepsins B, H, and L. The protein is one of the precursor proteins of cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Stefins have been proposed as prognostic and diagnostic tools for cancer. [provided by RefSeq]

Other Designations

cystatin A|cystatin AS|stefin A

Disease

- [Genetic Predisposition to Disease](#)
- [Psoriasis](#)