

Recombinant Human CST6

Catalog No: #GP11431



Package Size: #GP11431-1 100ug

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Description

Product Name	Recombinant Human CST6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 29-149 amino acids of human cystatin E/M
Target Name	cystatin E/M
Accession No.	Swissprot:Q15828Gene Accession:BC031334
Uniprot	Q15828
GeneID	1474;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. This gene encodes a cystatin from the type 2 family, which is down-regulated in metastatic breast tumor cells as compared to primary tumor cells. Loss of expression is likely associated with the progression of a primary tumor to a metastatic phenotype.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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