



SERPINA4 peptide (DAG-P0737)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Inhibits human amidolytic and kininogenase activities of tissue kallikrein. Inhibition is achieved by formation of an equimolar, heat- and SDS-stable complex between the inhibitor and the enzyme, and generation of a small C-terminal fragment of the inhibitor due to cleavage at the reactive site by tissue kallikrein.
Specificity	Expressed by the liver and secreted in plasma.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the serpin family.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name	SERPINA4 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4 [Homo sapiens (human)]
------------------	---

Official Symbol	SERPINA4
Synonyms	SERPINA4; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4; KAL; KST; PI4; KLST; PI-4; kallistatin; kallistatin; serpin A4; kallikrein inhibitor; peptidase inhibitor 4; protease inhibitor 4 (kallistatin); serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4;
Entrez Gene ID	5267
mRNA Refseq	NM_001289032.1
Protein Refseq	NP_001275961.1
UniProt ID	P29622
Chromosome Location	14q32.13
Function	serine-type endopeptidase inhibitor activity;