

Recombinant human SCCA Antigen

Cat. No. CDA021 Lot. No. (See product label)

SPECIFICATION

Source	E.coli
Description	Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4, also known as SERPINA4, is a human gene.
Molecular Weight	48kd (calculated from sequence); 48 KD(determined by SDS gelelectrophoresis)
Format	Purified, Liquid
Purification	> 95% (determined by SDS gelelectrophoresis)
Concentration	Specific protein concentration: 1.0mg/ml (Roche ECLIA)
Buffer	Tris-HCL, pH 7.4 ± 0.2
Preservative	0.02%NaN3
Applications	Protein standard in 1D and 2D SDS gelelectrophoresis Immunoassays Immunization.
Storage	Store at -20°C. Avoid multiple freeze/thaw cycles.
Warnings	All donor units tested negative for HIV 1, HIV 2, HCV antibodies and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive

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67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

GENE INFORMATION

Gene Name

[SERPINA4](#)

Synonyms

serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4; KST; KAL; KLST; kallistatin; KAIN_HUMAN; Kallikrein inhibitor; Protease inhibitor 4; Serpin A4; PI4; Kallistatin [Precursor]; kallistatin; protease inhibitor 4 (kallistatin).

Gene ID

[5267](#)

mRNA Refseq

[NM_006215](#)

Protein Refseq

[NP_006206](#)

MIM

[147935](#)

UniProt ID

[P29622](#)

Chromosome Location

14q31-q32.1

Function

protein binding; serine-type endopeptidase inhibitor activity

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