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SERPINB3 Human

Serpin Peptidase Inhibitor, Clade B Member 3 Human Recombinant
RCP2046

Product Overview

Name	SERPINB3 Human

Description

Serpin Peptidase Inhibitor, Clade B Member 3 Human Recombinant

Accession (Primary)	P29508

Synonyms

Serpin B3, Squamous cell carcinoma antigen 1, Protein T4-A, SCCA-1, Serpin Peptidase Inhibitor, Clade B (Ovalbumin), Member 3, SCCA1, Serine (Or Cysteine) Proteinase Inhibitor, Clade B (Ovalbumin), Member 3, Squamous Cell Carcinoma Antigen 1, Protein T4-A, SCCA-1, Serpin B3, HsT1196, SCCA-PD, T4-A , SCCA, SCC.

Introduction

Serpin Peptidase Inhibitor, Clade B Member 3, also known as SERPINB3 is a papain-like cysteine protease inhibitor which modulates the host immune response versus tumor cells. SERPINB3 is a protein coding gene which acts as an inhibitor of UV-induced apoptosis by suppressing the activity of c-Jun NH(2)-terminal kinase (JNK1).

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

SERPINB3 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MNSLSEA NTKFMFDLFQ QFRKSKENNI FYSPISITSA LGMVLLGAKD NTAQQIKKVL HFDQVTENTT GKAATYHVDR SGNVHHQFQK LLTEFNKSTD AYELKIANKL FGEKTYLFLQ EYLDAIKKFY QTSVESVDFA NAPEESRKKI NSWVESQTNE KIKNLIPEGN IGSNTTLVLV NAIYFKGQWE KKFNKEDTKE EKFWPNKNTY KSIQMMRQYT SFHFASLEDV QAKVLEIPYK GKDLSMIVLL PNEIDGLQKL

EEKLTAEKLM EWTSLQNMRE TRVDLHLPRF KVEESYDLKD TLRTMGMVDI FNGDADLSGM TGSRGLVLSG VLHKAFVEVT EEGAEAAAAT AVVGFGSSPT STNEEFHCNH PFLFFIRQNK TNSILFYGRF SSP.

Precautions

SERPINB3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P29508)