
Product Data Sheet

Product Name: SERPINB3 Human

Cat. No.: GP24541

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Serpine 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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMNSLSEA NTKFMFDLFQ QFRKSKENNI FYSPISITSA LGMVLLGAKDNTAQQIKKVL HFDQVTENTT GKAATYHVDR SGNVHHQFQK LLTEFNKSTD AYELKIANKL FGEKTYLFLQEYLDAIKKFY QTSVESVDFA NAPEESRKKI NSWVESQTNE KIKNLIPEGN IGSNTTLVLV NAIYFKGQWEKKFNKEDTKE EKFWPNKNTY KSIQMMRQYT SFHFASLEDV QAKVLEIPYK GKDLISMIVLL PNEIDGLQKLEEKLTAEKLM EWTSLQNMRE TRVDLHLPRF KVEESYDLKD TLRTMGMVDI FNGDADLSGM TGSRGLVLSGVLHKAFVEVT EEGAEAAAAT AVVGFSSPT STNEEFHCNH PFLFFIRQNK TNSILFYGRF SSP.		
Formulation	SERPINB3 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.		

Introduction

Serpine 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).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

Background

SERPINB3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 413 amino acids (1-390 a.a) and having a molecular mass of 47kDa.

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