

SERPINB3, 1-390aa , Human, His tag, E.coli

Cat.NO.: TP03899

3th Edition

Synonyms:Serpin B3, HsT1196, SCC, SCCA-1, SCCA-PD, SCCA1, T4-A

Description:SERPINB3 also known as serpin B3 is a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. Also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH(2)-terminal kinase (JNK1). Recombinant human SERPINB3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

Molecular Weight:47kDa (413aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMNSLSEANTKFMFDLFQQFRKSKENNIFYSPISITSALGMVLLGAKDNTAQQI
KKVLHFDQVTENTTGKAATYHVDRSGNVHHQFQKLLTEFNKSTDAYELKIANKLFGEKTYLFLQEYLDIAIKKFYQTS
VESVDFANAPEESRKKINSWVESQTNEKIKNLIPEGNIGSNTTLVLVNAIYFKGQWEKKFNKEDTKEEFKFWPNKNTY
KSIQMMRQYTSFHFASLEDVQAKVLEIPYKGDLSMIVLLPNEIDGLQKLEEKLTAEKLMEWTSLQNMRETRVDLHL
PRFKVEESYDLKDTLRTMGMVDFNGDADLSGMTGSRGLVLSGVLHKAFVEVTEEGAEAAAATAVVGFSSPTST
NEEFHCNHPFLFFIRQNKTNSILFYGRFSSP

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.