

SERPINB4, 1-390aa, Human, His tag, E.coli

Cat.NO.: TP03900

3th Edition

Synonyms:Serpin B4, LEuPIN, PI11, SCCA-2, SCCA1, SCCA2

Description:SERPINB4 also known as serpin B4, belongs to the serpin family. This protein May act as a protease inhibitor to modulate the host immune response against tumor cells. Recombinant human SERPINB4, 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:47.2kDa (413aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMNSLSEANTKFMFDLFQQFRKSKENNIFYSPISITSALGMVLLGAKDNTAQQI
SKVLHFDQVTENTTEKAATYHVDRSGNVHHQFQKLLTEFNKSTDAYELKIANLKFGEKTYQFLQEYLDIAIKKFYQTS
VESTDFANAPEESRKKINSWVESQTNEKIKNLFPDGTIGNDTTLVLVNAIYFKGQWENKFKKENTKEEFWPNKNTY
KSVQMMRQYNSFNFALLEDVQAKVLEIPYKGDLSMIVLLPNEIDGLQKLEEKLTAEKLMEWTSLQNMRETCVDLHL
PRFKMEESYDLKDTLRTMGMVNIFNGDADLSGMTWSHGLSVSKVLHKAFFEVEEVEAAAATAVVVVVELSSPST
NEEFCCNHPFLFFIRQNKTNLSILFYGRFSSP

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.