

Recombinant human Serpin B4 protein

Catalog Number: ATGP3054

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-390aa

UniProt No.

P48594

NCBI Accession No.

NP_002965.1

Alternative Names

SerpB4, Serpin B4, LEuPIN, PI11, SCCA-2, SCCA1, SCCA2

PRODUCT SPECIFICATION

Molecular Weight

47.2 kDa (413aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MNSLSEA NTKFMFDLFQ QFRKSKENNI FYSPISITSA LGMVLLGAKD
NTAQQISKVL HFDQVTENTT EKAATYHVDR SGNVHHQFQK LLTEFNKSTD AYELKIANKL FGEKTYQFLQ EYLDAIKKFY

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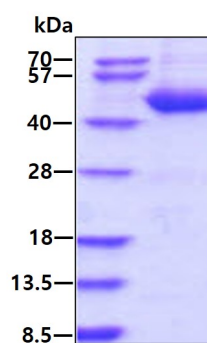
QTSVESTDFA NAPEESRKKI NSWVESQTNE KIKNLFPDGT IGNDTTLVLV NAIYFKGQWE NKFKKENTKE EKFWPNKNTY
KSVQMMRQYN SFNFALLEDV QAKVLEIPYK GKDLISMIVLL PNEIDGLQKL EEKLTAEKLM EWTSLQNMRE TCVDLHLPRF
KMEESYDLKD TLRTMGVMVNI FNGDADLSGM TWSHGLSVSK VLHKAFVEVT EEGVEAAAAT AVVVVELSSP STNEEFCCNH
PFLFFIRQNK TNSILFYGRF SSP

General References

Lysvand H., et al. (2014) Biochim. Biophys. Acta 1842 (5), 734-738

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.