

# Product information

## SERPINB4<sub>1-390aa</sub>

Human, His-tagged, Recombinant, *E.coli*

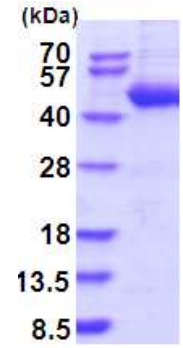
Cat. No. IBATGP3054

**Full name:** Serpin B4

**NCBI Accession No.:** NP\_002965

**Synonyms:** 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.

<p><b>Form:</b> Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT</p> <p><b>Molecular Weight:</b> 47.2kDa (413aa) confirmed by MALDI-TOF</p> <p><b>Purity:</b> &gt; 90% by SDS - PAGE</p> <p><b>Concentration:</b> 0.5mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <pre> MGSSHHHHHH SSGLVPRGSH MGSMSLSEA NTKFMDFLQ QFRKSKENNI FYSPISITSA LGMVLLGAKD NTAQQISKVL HFDQVTENTT EKAATYHVDR SGNVHHQFQK LLTEFNKSTD AYELKIANKL FGEKTYQLQ EYLDAIKKFY QTSVESTDFA NAPEESRKKI NSWVESQTNE KIKNLFPGDT IGNDTTLVLV NAIYFKGQWE NKFKKENTKE EKFWPNKNTY KSVQMMRQYN SFNFALLEDV QAKVLEIPYK GKDLSMIVLL PNEIDGLQKL EEKLTAEKLM EWTSLQNMRE TCVDLHLPRF KMEESYDLKD TLRTMGMVNI FNGDADLSGM TWSHGLSVSK VLHKAFVEVT EEGVEAAAAT AVVVVELSSP STNEEFCCNH PFLFFIRQNK TNSILFYGRF SSP </pre>	

### General references:

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

**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.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**