# Recombinant Human SERPINB4 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SERPINB4-4652H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | SERPINB4 MS Standard C13 and N15-labeled recombinant protein (NP_002965) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | The protein encoded by this gene is a member of the serpin family of serine protease inhibitors. The encoded protein is highly expressed in many tumor cells and can inactivate granzyme M, an enzyme that kills tumor cells. This protein, along with serpin B3, can be processed into smaller fragments that aggregate to form an autoantigen in psoriasis, probably by causing chronic inflammation. |
| **Molecular Mass** | 44.9 kDa |
| **AA Sequence** | MNSLSEANTKFMFDLFQQFRKSKENNIFYSPISITSALGMVLLGAKDNTAQQISKVLH FDQVTENTTEKAATYHVDRSGNVHHQFQKLLTEFNKSTDAYELKIANKLFGEKTYQF LQEYLDAIKKFYQTSVESTDFANAPEESRKKINSWVESQTNEKIKNLFPDGTIGNDTT LVLVNAIYFKGQWENKFKKENTKEEKFWPNKNTYKSVQMMRQYNSFNFALLEDVQ AKVLEIPYKGKDLSMIVLLPNEIDGLQKLEEKLTAEKLMEWTSLQNMRETCVDLHLPR FKMEESYDLKDTLRTMGMVNIFNGDADLSGMTWSHGLSVSKVLHKAFVEVTEEGVE AAAATAVVVVELSSPSTNEEFCCNHPFLFFIRQNKTNSILFYGRFSSPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV |

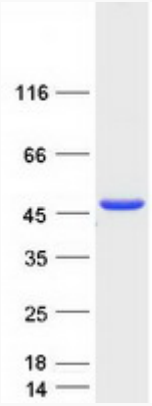
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| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| **Storage** | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| **Concentration** | 50 μg/mL as determined by BCA |
| **Storage Buffer** | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |

## GENE INFORMATION

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| **Gene Name** | SERPINB4 serpin family B member 4 [ Homo sapiens (human) ] |
| **Official Symbol** | SERPINB4 |
| **Synonyms** | SERPINB4; serpin peptidase inhibitor, clade B (ovalbumin), member 4; SCCA2, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4; serpin B4; LEUPIN; PI11; SCCA 2; SCCA1; squamous cell carcinoma antigen 2; PI-11; peptidase inhibitor 11; SCCA2/SCCA1 fusion protein; squamous cell carcinoma antigen 1; protease inhibitor (leucine-serpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 4; SCCA2; SCCA-2; |
| **Gene ID** | 6318 |
| **mRNA Refseq** | NM_002974 |
| **Protein Refseq** | NP_002965 |
| **MIM** | 600518 |

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| **UniProt ID** | P48594 |
| **SDS-PAGE** |  |



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