Recombinant Human SERPINB3 Protein, C-6His tagged, Biotinylated

Cat. No. SERPINB3-38H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human Serpin B3 is produced by E.coli. The target gene encoding M1-P390 is expressed with a 6His tag at the C terminus.
Species	Human
Source	E.coli
ProteinLength	M1-P390
Description	Serpin B3, also known as squamous cell carcinoma antigen-1 (SCCA-1), is a member of the serpin superfamily of serine protease inhibitors. Serpins are known to inhibit serine proteases and some can inhibit caspases and papain-like cysteine proteases. Serpin B3 is also a member of the subgroup ovalbumin-related serpins which takes part in the regulation of apoptosis, inflammation, angiogenesis and embryogenesis. Serpin B3 is also a tumor marker for squamous cell carcinomas in diverse areas including the cervix, head, neck and lung. Different from typical serpins, serpin B3 inhibits papain-like lysosomal cysteine proteases Cathepsin K, L, and S, while lacking inhibitory activity against serine proteases
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of 2 μM Na2HPO4, 2 μM NaH2PO4, pH7.4
Shipping	Ambient
Conjugation	Biotin

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GENE INFORMATION

Gene Name	SERPINB3 serpin family B member 3 [Homo sapiens (human)]
Official Symbol	SERPINB3
Synonyms	Serpin B3; Protein T4-A; Squamous cell carcinoma antigen 1; SCCA-1; serine (or cysteine)proteinase inhibitor; clade B (ovalbumin); member 3; serpin peptidase inhibitor; clade B(ovalbumin); member 3; Squamous cell carcinoma antigen 1; T4-A; SCCA1
Gene ID	6317
mRNA Refseq	NM_006919
Protein Refseq	NP_008850
MIM	600517
UniProt ID	P29508

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