

Scytovirin Recombinant Protein | SVN recombinant protein

Recombinant Scytonema varium Scytovirin

CATALOG #
AAA309791

HOST
Yeast

PRODUCT SYNONYMS

Scytovirin; Recombinant Scytonema varium Scytovirin; SVN recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Full Length, 1-95aa
Target Length	Full lenght,1-95aa
Tag Info	His-tag
Target sequence	GSGPTYCWNEANNPGGPNRCSNNKQCDGARTCSSSGFCQGTSRKPDPPGGPTYGPTYCWDEAKNPGGPNRCSNSKQCDGARTCSSSGFCQGTAGH
Target name	SVN
Preparation and Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for SVN recombinant protein

Has strong anti-HIV activity against T-tropic strains of HIV-1 and weaker activity against M-tropic strains of HIV-1. Inhibits HIV-1 fusion and infection of CD4 LTR beta-gal cells in vitro. Inhibits fusion of HIV infected C-SS cells with uninfected C-SS cells, and fusion of HIV-1 Env expressing HL2/3 cells with CD4 LTR beta-gal cells. Binds to HIV gp120, HIV gp160 and to a lesser extent HIV gp41. Binding to HIV gp120 is glycosylation dependent. Binds with high specificity to the tetrasaccharide Man-alpha-1, 2-Man-alpha-1, 6-Man-alpha-1, 6-Man and also binds the higher-order oligosaccharides oligomannose 8 and oligomannose 9. Does not bind to monosaccharides, complex or hybrid N-linked oligosaccharides or chitin.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209573788
UniProt Accession #	P86041
Molecular Weight	11.72kD
NCBI Official Full Name	Scytovirin
UniProt Protein Name	Scytovirin
UniProt Gene Name	SVN
UniProt Synonym Gene Names	SVN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/svn-recombinant-protein-yeast/309791>