

Human SERPINI1 Recombinant Protein



RPPB4649

Product Information Protein Information

Product SKU:

RPPB4649

Accession:

Q99574

Host:

Escherichia Coli.

Protein description:

SERPINI1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 17-410) containing 404 amino acids and including a 10 a.a N-terminal His tag. The total molecular mass is 45.9kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Neuroserpin, Peptidase inhibitor 12, PI-12, Serpin I1, SERPINI1, PI12.

Formulation:

Filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.025M phosphate buffer and 0.035M NaCl, pH 7.4.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. SERPINI1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHASTGATFP EEAI ADLSVNMYNR LRATGEDENI LFSPLSIALA MGMMELGAQG STQKEIRHSM
GYDSLKNGEE FSFLKEFSNM VTAKESQYVM KIANSLFVQN GFHVNEEFLLQ MMKKYFNAAV NHVDFSQNV
VANYINKWVE NNTNNLVKDL VSPRDFDAAT YLALINAVYF KGNWKSQFRP ENTRTFSTFK DDESEVQIPM
MYQQGEFYG EFS DGSNEAG GIYQVLEIPY EGDEISMMLV LSRQEVPLAT LEPLVKAQLV EEWANSVKKQ
KVEVYLPRFT VEQEIDLKDV LKALGITEIF IKDANLTGLS DNKEIFLSKA IHKSFLEVNE EGSEAAVSG
MIAISRM AVL YPQVVDHPF FFLIRNRRTG TILFMGRVMH PETMNTSGHD FEEL.