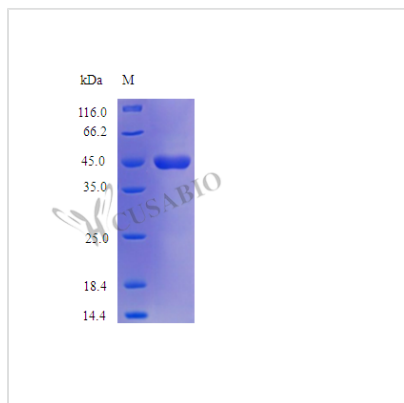




Recombinant Human Neuroserpin protein (SERPINI1) (Active)

Product Code	CSB-AP000141HU
Uniprot No.	Q99574
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.5
Product Type	Enzyme
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using rat C6 cells is less than 0.5 µg/ml, corresponding to a specific activity of >2000 IU/mg.
Purity	>95% as determined by SDS-PAGE.
Sequence	TGATFPEEAIADLSVNMYNRLRATGEDENILFSPLSIALAMGMELGAQGSTQ KEIRHSMGYDSLKNGEEFSFLKEFSNMVTAKESQYVMKIANSFLVQNGFHVNE EFLQMMKKYFNAAVNHVDFSQNVAVANYINKWVENNTNNLVKDLVSPRDFDA ATYLALINAVYFKGNWKSQFRPENTRTFSFTKDDSEVQIPMMYQQGEFYYG EFSDGSNEAGGIYQVLEIPYEGDEISMMLVLSRQEVPLATLEPLVKAQLVEEWA NSVKKQKVEVYLPRFTVEQEIDLKDV LKALGITEIFIKDANLTGLSDNKEIFLSKAI HKSFLVNEEGSEAAAVSGMIAISRMAVLYPQVIVDHPFFFLIRNRRTGTILFMG RVMHPETMNTSGHDFEEL
Research Area	Neuroscience
Source	E.coli
Target Names	SERPINI1
Expression Region	17-410aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	44.7 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	9070919; 14702039; 17974005; 15489334; 10517635
Image	



Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.