

Recombinant Human Neuroserpin protein ab63224

★★★★★ 1 Abreviews 1 References 1 Image

Description

Product name	Recombinant Human Neuroserpin protein
Purity	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
Endotoxin level	< 0.100 Eu/µg
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MTGATFPEEA IADLSVNMYN RLRATGEDEN ILFSPLSIAL AMGMMEPGAQ GSTQKEIRHS MGYDSLKNGE EFSFLKEFSN MVTAKESQYV MKIANSLFVQ NGFHVNEEFL QMMKKYFNAA VNHVDFSQNV AVANYINKWV ENNTNNLVKD LVSPRDFDAA TYLALINAVY FKGNWKSQFR PENTRTFSFT KDDSEVQIP MMYQQGEFY GEFSDGSNEA GGIYQVLEIP YEGDEISMML VLSRQEVPLA TLEPLVKAQL VEEWANSVKK QKVEVYLPRF TVEQEIDLKD VLKALGITEI FIKDANLTGL SDNKEIFLSK AIHKSFLEVN EEGSEAAAVS GMIAISRMAY LYPQVVDHP FFFLIRNRRT GTILFMGRVM HPETMNTSGH DFEEL

Specifications

Our **Abpromise guarantee** covers the use of **ab63224** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies
	SDS-PAGE
	HPLC
	Western blot

Form Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Reconstitution For lot specific reconstitution information please contact our Scientific Support Team.

General Info

Function Serine protease inhibitor that inhibits plasminogen activators and plasmin but not thrombin. May be involved in the formation or reorganization of synaptic connections as well as for synaptic plasticity in the adult nervous system. May protect neurons from cell damage by tissue-type plasminogen activator.

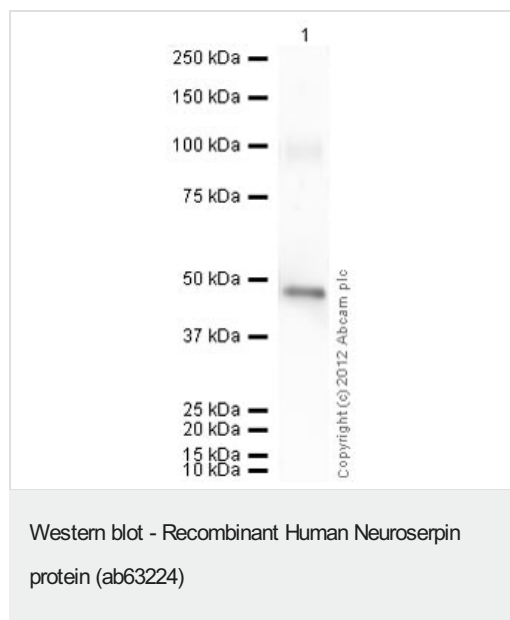
Tissue specificity Predominantly expressed in the brain.

Involvement in disease Defects in SERPINI1 are the cause of familial encephalopathy with neuroserpin inclusion bodies (FEN1B) [MIM:604218]. FEN1B is characterized clinically as an autosomal dominantly inherited dementia, histologically by unique neuronal inclusion bodies and biochemically by polymers of neuroserpin.

Sequence similarities Belongs to the serpin family.

Cellular localization Secreted.

Images



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