

Product datasheet

Recombinant Human CAPON/NOS1AP protein
ab131928

1 Image

Description

Product name	Recombinant Human CAPON/NOS1AP protein
Expression system	Wheat germ
Accession	O75052
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MPSKTKYNLVDDGHDLRIPLHNEDAFQHGICFEAKYVGS DVPRPNSRVE VAAMRRIRYEFKAKNIKKKKV SIMVSVDGVKVLKKKKLL LLQKKEWT WDESKMLVMQDPYRIFYVSHDSQDLKIFSYIARDGASNIFR CNVFKSKK KSQAMRVRTVGQAFEVCHKLSLQHTQQNADGQEDGES ERNSNSSGDPGR QLTGAERASTATAEETDIDAVEVPLPGNDVLEFSRGVTDL DAVGKEGGSH TGSKVSHQPMLTASPRMLLPSSSSKPPGLGTETPLST HHQMQLLQQLL QQQQQQTQVAVAVQHLLKDQLAAEAAAARLEAQRVHQL LLQNKDMLQHIS LLVKQVQELELKLSGQNAMGSQDSLLEITFRSGALPVLCD PTPKPEDLH SPPLGAGLADFAHPAGSPLGRRDCLVKLECFRFLPPEDT PPPAQGEALLG GLELIKFRESGIASEYESNTDESEERDSWSQEELPRLLNV LQRQELGDGL DDEIAV</p>
Predicted molecular weight	83 kDa including tags
Amino acids	1 to 506

Specifications

Our [Abpromise guarantee](#) covers the use of **ab131928** in the following tested applications.

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

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	This product was previously labelled as CAPON.

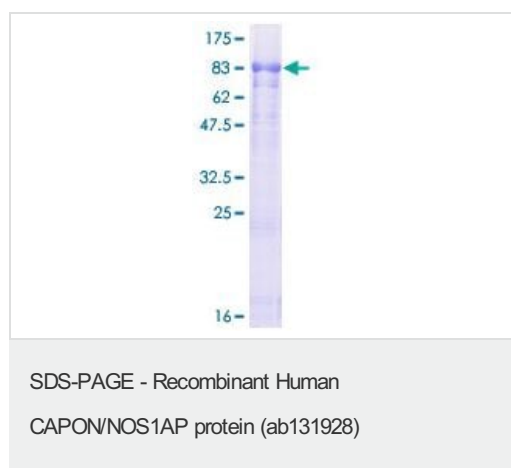
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Adapter protein involved in neuronal nitric-oxide (NO) synthesis regulation via its association with nNOS/NOS1. The complex formed with NOS1 and synapsins is necessary for specific NO and synapsin functions at a presynaptic level. Mediates an indirect interaction between NOS1 and RASD1 leading to enhance the ability of NOS1 to activate RASD1. Competes with DLG4 for interaction with NOS1, possibly affecting NOS1 activity by regulating the interaction between NOS1 and DLG4.
Sequence similarities	Contains 1 PID domain.

Images



12.5% SDS-PAGE analysis of ab131928 stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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