



# Recombinant Human Neuronal PAS domain-containing protein 1 (NPAS1)

<b>Product Code</b>	CSB-MP859941HU
<b>Abbreviation</b>	NPAS1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q99742
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAAPYPGSSGG GSEVKCVGGR GASVPWDFLP GLMVKAPSGP CLQAQRKEKS RNAARSRRGK ENLEFFELAK LLPLPGAISS QLDKASIVRL SVTYLRLRRF AALGAPPWGL RAAGPPAGLA PGRRGPAALV SEVFEQHLGG HILQSLDGFV FALNQEGKFL YISETVSIYL GLSQVEMTGS SVFDYIHPGD HSEVLEQLGL RTPTPGPPTP PSVSSSSSSSS SSLADTPEIE ASLTKVPPSS LVQERSFFVR MKSTLTKRGL HVKASGYKVI HVTGRLRAHA LGLVALGHTL PPAPLAELPL HGHMIVFRLS LGLTILACES RVSDHMDLGP SELVGRSCYQ FVHGQDATRI RQSHVDLLDK GQVMTGYRWW LQRAGGFVWL QSVATVAGSG KSPGEHHVLW VSHVLSQAEG GQTPLDAFQL PASVACEEAS SPGPEPEPE PPTGKQAAP AENEAPQTQG KRIKVEPGPR ETKGSEDSGD EDPSSHPATP RPEFTSVIRA GVLKQDPVRP WGLAPPDPP PTLHAGFLP PVVRGLCTPG TIRYGPAELG LVYPHLQRLG PGPALPEAFY PPLGLPYPGP AGTRLPRKGD
<b>Source</b>	Mammalian cell
<b>Target Names</b>	NPAS1
<b>Protein Names</b>	Recommended name: Neuronal PAS domain-containing protein 1 Short name= Neuronal PAS1 Alternative name(s): Basic-helix-loop-helix-PAS protein MOP5 Class E basic helix-loop-helix protein 11 Short name= bHLHe11 Member of PAS pro
<b>Expression Region</b>	1-590
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. Studies of a related mouse gene suggest that it functions in neurons. The exact function of this gene is unclear, but it may play protective or



modulatory roles during late embryogenesis and postnatal development.

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**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.

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**Shelf Life**

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