

Recombinant Human NPAS2 Protein, GST-tagged

Cat. No. NPAS2-6015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPAS2 full-length ORF (AAH51351.2, 1 a.a. - 824 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. A similar mouse protein may play a regulatory role in the acquisition of specific types of memory. It also may function as a part of a molecular clock operative in the mammalian forebrain. [provided by RefSeq
Molecular Mass	118.2 kDa
AA Sequence	MDEDEKDRAKRASRNKSEKKRRDQFNVLIELSSMLPGNTRKMDKTTVLEKVGIFL QKHNEVSAQTEICDIQQDWKPSFLSNEEFTQLMLEALDGFIIAVTTDGSIIYVSDSITPL LGHLPSDVMDQNLNLFPEQEHSEVYKILSSHMLVTDSPSPEYLKSDSDLEFYCHLL RGSINPKEFPTYEYIKFVGNFRRSYNNVPSPCNGFDNTLSRPCRVPLGKEVCFIATV RLATPQFLKEMCIVDEPLEEFTSRHSLEWKFLFLDHRAPPIIGYLPFEVLGTSGYDYY HIDDLELLARCHQHLMQFGKGKSCCYRFLTKGQQWIWLQTHYYITYHQWNSKPEFI VCTHSVVSADVRVERRQELALEDPPEALHSSALKDKGSSLEPRQHFNALDVGAS GLNTSHSPSASSRSSHKSSHTAMSEPTSTPTKLMAEASTPALPRSATLPQELPVPGL SQAATMPAPLPSPSSCDLTQQLLPQTVLQSTPAPMAQFSAQFSMFQTIKDQLEQRT RILQANIRWQQEELHKIQEQCLVQDSNVQMFLQQPAVSLSFSSTQRPEAQQQLQQ

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RSAAVTQPQLGAGPQLPGQISSAQVTSQHLLRESSVISTQGPKPMRSSQLMQSSGR
SGSSLVSPFSSATAALPPSLNLTPASTSQDASQCQSPDFSHDRQLRLLLSQPIQP
MMPGSCDARQPSEVSRTGRQVKYAQSQTQVFNPDHPANSSSAPMPVLLMGQAV
LHPSFPASQPSPLQPAQARQPPQHLYLQVQAPTSIHSEQQDSLLLSTYSQQPGTL
GYPPPPAQPQPLRPPRRVSSLSSESSGLQQPPR

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name NPAS2 neuronal PAS domain protein 2 [[Homo sapiens](#)]

Official Symbol NPAS2

Synonyms NPAS2; neuronal PAS domain protein 2; neuronal PAS domain-containing protein 2; bHLHe9; MOP4; PASD4; neuronal PAS2; member of PAS protein 4; member of PAS superfamily 4; PAS domain-containing protein 4; basic-helix-loop-helix-PAS protein MOP4; class E basic helix-loop-helix protein 9; FLJ23138; MGC71151;

Gene ID 4862

mRNA Refseq [NM_002518](#)

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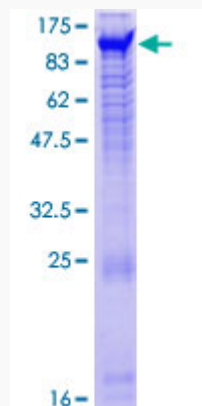
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Protein Refseq NP_002509

MIM 603347

UniProt ID Q99743

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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