

# Recombinant Full Length Human NPAS4 Protein, GST-tagged

**Cat. No.** NPAS4-6608HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human NPAS4 full-length ORF ( ABZ92417.1, 1 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	802 amino acids
<b>Description</b>	NXF is a member of the basic helix-loop-helix-PER (MIM 602260)-ARNT (MIM 126110)-SIM (see SIM2; MIM 600892) (bHLH-PAS) class of transcriptional regulators, which are involved in a wide range of physiologic and developmental events (Ooe et al., 2004 [PubMed 14701734]).[supplied by OMIM
<b>Molecular Mass</b>	88.3 kDa
<b>AA Sequence</b>	<p>MYRSTKGASKARRDQINAEIRNLKELLPLAEADKVRLSYLHIMSLACIYTRKGVFFAG            GTPLAGPTGLLSAQELEDIVAALPGFLLVFTAEGKLLYLSESVSEHLGHSMVDLVAQ            GDSIYDIIDPADHLTVRQQLTLPSALDTRDLFRCRFNTSKSLRRQSAGNKLVLIRGRF            HAHPPGAYWAGNPVFTAFCAPLEPRPRPGPGPGPASLFLAMFQSRHAKDLALL            DISESVLIYLGFERSELLCKSWYGLLHPEDLAHASAQHYRLLAESGDIQAEMVVRLQA            KTGGWAWIYCLLYSEGPEGPITANNYPISDMEAWSLRQQLNSEDTQAAYVLGTPTM            LPSFPENILSQECSSTNPLFTAALGAPRSTSFPSAPELSVVSASEELPRPSKELDFS            YLTFPSGPEPSLQAELSKDLVCTPPYTPHQPGGCAFLFSLHEPFQTHLTPSSTLQE            QLTPSTATFSDQLTPSSATFPDPLTSPLQGQLTETSVRSYEDQLTPCTSTFPDQLLP</p>

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STATFPEPLGSPAHEQLTPPSTAFQAHLDSPSQTFPEQLSPNPTKTYFAQEGCSFLY  
 EKLPSPSSPGNGDCTLLALAQLRGPLSVDVPLVPEGLLTPEASPVKQSFFHYSEKE  
 QNEIDRLIQQISQLAQGMDRPFSAEAGTGGLEPLGGLEPLDSNLSLSGAGPPVLSLD  
 LKPWKQELDFLADPDNMFLEETPVEDIFMDLSTPDPSEEWGS GDPEAEGPGGAP  
 SPCNNLSPEDHSFLEDLATYETAFETGVSAFPYDGFTELHQLQSQVQDSFHEDGS  
 GGEPTF

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	NPAS4 neuronal PAS domain protein 4 [ Homo sapiens ]
<b>Official Symbol</b>	NPAS4
<b>Synonyms</b>	NPAS4; neuronal PAS domain protein 4; neuronal PAS domain-containing protein 4; bHLHe79; Le PAS; NXF; PASD10; neuronal PAS4; HLH-PAS transcription factor NXF; PAS domain-containing protein 10; class E basic helix-loop-helix protein 79; Le-PAS;
<b>Gene ID</b>	266743

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mRNA Refseq	NM_178864
Protein Refseq	NP_849195
MIM	608554
UniProt ID	Q8IUM7

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