

Recombinant Full Length Human NPAS4 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human NPAS4 full-length ORF (ABZ92417.1, 1 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	802 amino acids
Description	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
Molecular Mass	88.3 kDa
AA Sequence	MYRSTKGASKARRDQINAEIRNLKELLPLAEADKVRLSYLHIMSLACIYTRKGVFFAG GTPLAGPTGLLSAQELEDIVAALPGFLLVFTAEGKLLYLSESVSEHLGHSMVDLVAQ GDSIYDIIDPADHLTVRQQLTLPSALDTRLFRCRFNTSKSLRRQSAGNKLVLIRGRF HAHPPGAYWAGNPVFTAFCALEPRPRPGPGPGPASLFLAMFQSRHAKDLALL DISESVLIYLGFERSELLCKSWYGLLHPEDLAHASAQHYRLLAESGDIQAEMVVRLQA KTGGWAWIYCLLYSEGPEGPITANNYPISDMEAWSLRQQLNSEDTQAAYVLGTPTM LPSFPENILSQEECSSTNPLFTAALGAPRSTSFPSAPELSVVSASEELPRPSKELDFS YLTFPSGPEPSLQAELSKDLVCTPPYTPHQPGGCAFLFSLHEPFQTHLPTPSSTLQE QLTPSTATFSDQLTPSSATFPDPLTSPLQGQLTETSVRSYEDQLTPCTSTFPDQLLP

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STATFPEPLGSPAHEQLTPPSTAFQAHLDSPSQTFPEQLSPNPTKTYFAQEGCSFLY
 EKLPPSPSSPGNGDCTLLALAQLRGPLSVDVPLVPEGLLTPEASPVKQSFFHYSEKE
 QNEIDRLIQQISQLAQGMDRPFSAEAGTGGLEPLGGLEPLDSNLSLSGAGPPVLSLD
 LKPWKQCQLDFLADPDNMFLEETPVEDIFMDLSTPDPSEEWGS GDPEAEGPGGAP
 SPCNNLSPEDHSFLEDLATYETAFETGVSAFPYDGFTDELHQLQSQVQDSFHEDGS
 GGEPTF

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

NPAS4 neuronal PAS domain protein 4 [Homo sapiens]

Official Symbol

NPAS4

Synonyms

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;

Gene ID

266743

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mRNA Refseq	NM_178864
Protein Refseq	NP_849195
MIM	608554
UniProt ID	Q8IUM7

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