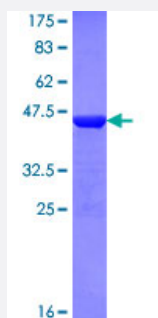


NPAS4 (Human) Recombinant Protein (Q01)

Catalog # H00266743-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NPAS4 partial ORF (NP_849195.1, 704 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FLEETPVEDIFMDLSTPDPSEEWGS GDPEAEGPGGAPSPCNNLSPEDHSFLEDLATYETAFETG VSAFPYDGFTDELHQLQSQVQDSFHEDGSGGEPTF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — NPAS4

Entrez GeneID [266743](#)

GeneBank Accession# [NM_178864](#)

Protein Accession# [NP_849195.1](#)

Gene Name NPAS4

Gene Alias Le-PAS, NXF, PASD10, bHLHe79

Gene Description neuronal PAS domain protein 4

Omim ID [608554](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations HLH-PAS transcription factor NXF