

## Product datasheet for **TP762167**

### **PASD5 (NPAS1) (NM\_002517) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human neuronal PAS domain protein 1 (NPAS1),Glu319-Thr522, with N-terminal His tag, expressed in E.coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region(Glu319-Thr522) of NPAS1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	21.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002508</a>
<b>Locus ID:</b>	4861
<b>UniProt ID:</b>	<a href="#">Q99742</a>
<b>RefSeq Size:</b>	2066
<b>Cytogenetics:</b>	19q13.32
<b>RefSeq ORF:</b>	1770
<b>Synonyms:</b>	bHLHe11; MOP5; PASD5



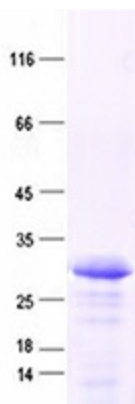
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**Summary:**

The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**

Purified recombinant protein NPAS1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.