

Recombinant Human ADNP protein, His & GST-tagged

Cat. No. ADNP-1701H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADNP aa. (Ala528~Thr782 (Accession # Q9H2P0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala528~Thr782
Description	Vasoactive intestinal peptide is a neuroprotective factor that has a stimulatory effect on the growth of some tumor cells and an inhibitory effect on others. This gene encodes a protein that is upregulated by vasoactive intestinal peptide and may be involved in its stimulatory effect on certain tumor cells. The encoded protein contains one homeobox and nine zinc finger domains, suggesting that it functions as a transcription factor. This gene is also upregulated in normal proliferative tissues. Finally, the encoded protein may increase the viability of certain cell types through modulation of p53 activity. Alternatively spliced transcript variants encoding the same protein have been described.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.5

GENE INFORMATION

Gene Name	ADNP activity dependent neuroprotector homeobox [Homo sapiens (human)]
Official Symbol	ADNP
Synonyms	ADNP; activity dependent neuroprotector homeobox; ADNP1; HVDAS; MRD28; activity-dependent neuroprotector homeobox protein; ADNP homeobox 1; activity-dependent neuroprotective protein; activity-dependent neuroprotector
Gene ID	23394
mRNA Refseq	NM_001282531.2

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Protein Refseq	NP_001269460.1
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UniProt ID	Q9H2P0
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