

Datasheet for ABIN3200994
ELAVL4 Protein (His tag)[Go to Product page](#)

1 Publication

Overview

Quantity:	0.01 mg
Target:	ELAVL4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELAVL4 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB)

Product Details

Purification:	Expressed in E.Coli and purified by affinity chromatography
Purity:	> 95%
Endotoxin Level:	less than 0.1 ng/µg (1 IEU/µg)

Target Details

Target:	ELAVL4
Alternative Name:	ELAV-like protein 4 (ELAVL4 Products)
Background:	<p>HuD otherwise known as ELAV-like protein 4 is a protein that in humans is encoded by the ELAVL4 gene.</p> <p>The HuD/ELAVL4 protein is an RNA-binding protein.</p> <p>HuD is expressed only in neurons and it binds to AU-rich element-containing mRNAs. As a result of this interaction the half-life of the transcript is increased. HuD is important in neurons</p>

Target Details

during brain development and plasticity.

HuD was originally discovered as the paraneoplastic antigen expressed in neuroendocrine tumors. Recombinant HuD was first used to assay the presence of anti-Hu antibodies and thereby diagnose the presence of small cell lung cancer and subacute sensory neuronopathy. In normal cells, it functions to regulate gene expression and the recombinant protein has been used to identify regulatory elements in mRNA.

Molecular Weight:	66 kDa
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Application Details

Application Notes:	Detection of anti-Hu paraneoplastic antibodies via WB or ELISA assay. Identification of regulatory elements in mRNA.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	Storage buffer PBS, pH 7.2
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Storage:	-20 °C
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Storage Comment:	Heat stable, shipped at ambient temp. Upon delivery aliquot and store in fridge, longterm storage at -20°C.
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Publications

Product cited in:	Tyteca, Legube, Trouche: "To die or not to die: a HAT trick." in: Molecular cell , Vol. 24, Issue 6, pp. 807-8, (2006) (PubMed).
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Tang, Luo, Zhang, Gu: "Tip60-dependent acetylation of p53 modulates the decision between cell-cycle arrest and apoptosis." in: **Molecular cell**, Vol. 24, Issue 6, pp. 827-39, (2006) ([PubMed](#)).

Sykes, Mellert, Holbert, Li, Marmorstein, Lane, McMahon: "Acetylation of the p53 DNA-binding domain regulates apoptosis induction." in: **Molecular cell**, Vol. 24, Issue 6, pp. 841-51, (2006) ([PubMed](#)).

