

**AR51745PU-S****Human ELAVL2 / HUB (1-346, His-tag) - Purified****Alternate names:**

ELAV-like neuronal protein 1, ELAV-like protein 2, Hel-N1, Hu-antigen B, Nervous system-specific RNA-binding protein Hel-N1

**Quantity:**

0.1 mg

**Concentration:**

0.5 mg/ml (determined by Bradford assay)

**Background:**

ELAVL2 is a neural-specific RNA-binding protein that is known to bind to several 3' uTRs, including its own and also that of FOS and ID. This protein may recognize a GAAA motif in the RNA. Three transcript variants encoding two different isoforms have been found for this gene.

**Uniprot ID:**

[Q12926](#)

**NCBI:**

[NP\\_001164668](#)

**GeneID:**

[1993](#)

**Species:**

Human

**Source:**

E. coli

**Format:**

**State:** Liquid purified protein

**Purity:** >85% by SDS - PAGE

**Buffer System:** Liquid, In Phosphate buffered saline (pH7.4) containing 30% glycerol, 1mM DTT.

**Description:**

Recombinant human ELAVL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AA Sequence:**

```
MGSSHHHHHH SSGLVPRGSH MGSMTQLSN GPTCNNTANG PTTINNCCSS PVDSGNTEDS
KTNLIVNYLP QNMTQEELKS LFGSIGEIES CKLVRDKITG QSLGYGFVNY IDPKDAEKAI
NTLNGRLRLQT KTIKVSYPAR SSASIRDANL YVSGLPKMT QKELEQLFSQ YGRIITSRIL
VDQVTGISRG VGFIRFDKRI EAEEAIKGLN GQKPPGATEP ITVKFANNPS QKTNQAILSQ
LYQSPNRRYP GPLAQQAQRF RFSPMTIDGM TSLAGINIPG HPGTGWCIFV YNLAPDADES
ILWQMFGPFG AVTNVKVIRD FNTNKCKGFG FVTMTNYDEA AMAIASLNGY RLGDRVLQVS
FKTNKTHKA
```

**Molecular weight:** 40.4 kDa (369aa) confirmed by MALDI-TOF

**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Joeson L., et al. (2007) Mol. Cell. Proteomics 6:798-811.

Pictures:

