

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606

techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

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: <u>012926</u>

NCBI: NP 001164668

GenelD: 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 MGSMETQLSN GPTCNNTANG PTTINNNCSS PVDSGNTEDS KTNLIVNYLP QNMTQEELKS LFGSIGEIES CKLVRDKITG QSLGYGFVNY IDPKDAEKAI NTLNGLRLQT KTIKVSYARP SSASIRDANL YVSGLPKTMT 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

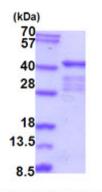
Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

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:



15% SDS-PAGE (3ug)