

ELAVL2, 1-346aa, Human, His tag, E.coli

Cat.NO.: TP02007

3th Edition

Synonyms:ELAV-like protein 2, HEL-N1, HELN1, HuB

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

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

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMETQLSNGPTCNNTANGPTTINNNCSSPVDSGNTEDSKTNLIVNYLPQNMT
QEELKSLFGSIGEIESCKLVRDKITGQSLGYGFVNYIDPKDAEKAINLNLRLQTKTIKVSYPSSASIRDANLYVS
GLPKTMTQKELEQLFSQYGRIITSRILVDQVTGISRGVGFIRFDKRIEAEAAIKGLNGQKPPGATEPITVKFANNPSQK
TNQAILSQLYQSPNRRYPGPLAQQAQRFRFSPMTIDGMTSLAGINIPGHPGTGWCIFVYNLAPDADESILWQMFGP
FGAVTNVKVIRDFNTNKCKGFGFVTMTNYDEAAMAIAASLNGYRLGDRVLQV/SFKTNKTHKA

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.