

Active Recombinant Full Length Human ELAVL4 Protein, C-Flag-tagged

Cat. No. ELAVL4-197HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ELAVL4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	May play a role in neuron-specific RNA processing. Protects CDKN1A mRNA from decay by binding to its 3' UTR (By similarity). Binds to AU-rich sequences (AREs) of target mRNAs, including VEGF and FOS mRNA.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	EMSA reaction
Molecular Mass	41.6 kDa
AA Sequence	MVMIISTMEPQVSNGPTSNTSNGPSSNNRNCPSMQTGATDDSKTNLIVNYLPQN MTQEEFRSLFGSIG EIESCKLVDRKITGQSLGYGFVNYIDPKDAEKAINLNLRLQT KTIKVSYPSSASIRDANLYVSGLP KTMTQKELEQLFSQYGRITSRILVDQVTGVS RGVGFIRFDKRIEAEAAIKGLNGQKPSGATEPITVKFA NNPSQKSSQALLSPLYQSP NRRYPGPLHHQAQRFRDLNLLNMAYGVKRLMSGPVPPSACSPRFSPITIDG MTSLV GMNIPGHTGTGWCIFVYNLSPDSESVLWQLFGPFGAVNNVKVIRDFNTNKCKGFG FVTMTNYDE

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	AAMAIASLNGYRLGDRV LQVSFKTNKAHKSTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	ELAVL4 ELAV like RNA binding protein 4 [Homo sapiens (human)]
Official Symbol	ELAVL4
Synonyms	HUD; PNEM
Gene ID	1996
mRNA Refseq	NM_021952.5

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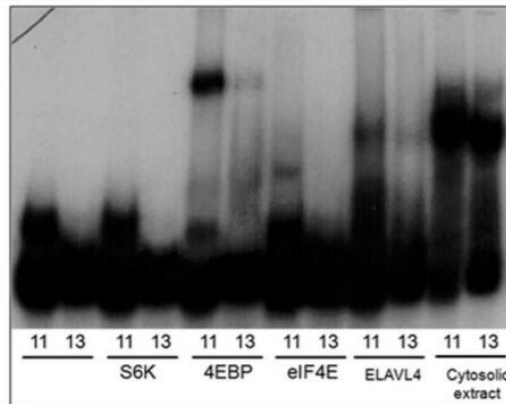
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Protein Refseq NP_068771.2

MIM 168360

UniProt ID P26378

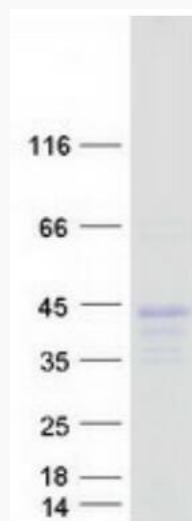


Audiograph of electrophoretic mobility shift assay using labeled RNA probes for the 11 and 13DNR DNR alleles, and purified candidate-binding proteins including ELAVL4. Results confirm the binding for 4E-BP, eIF4E, and ELAVL4, seen as band upshift from the unlabeled oligos.

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Coomassie blue staining of purified ELAVL4 protein.

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