

Recombinant Human ELAVL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELAVL3-4985H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ELAVL3 MS Standard C13 and N15-labeled recombinant protein (NP_001411) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	A member of the ELAVL protein family, ELAV-like 3 is a neural-specific RNA-binding protein which contains three RNP-type RNA recognition motifs. The observation that ELAVL3 is one of several Hu antigens (neuronal-specific RNA-binding proteins) recognized by the anti-Hu serum antibody present in sera from patients with paraneoplastic encephalomyelitis and sensory neuronopathy (PEM/PSN) suggests it has a role in neurogenesis. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Molecular Mass	39.4 kDa
AA Sequence	MVTQILGAMESQVGGGPAGPALPNGPLLGTNGATDDSKTNLIVNYLPQNMTQDEFK SLFGSIGDIESCKLVRDKITGQSLGYGFVNYSDPNADKAINTLNGLKLQTKTIKVSYA RPSSASIRDANLYVSGLPKTMSEQMEQLFSQYGRITSRILVDQVTGVSRGVGFIRF DKRIEAEAAIKGLNGQKPLGAAEPITVKFANNPSQKTGQALLTHLYQSSARRYAGPL HHQTQRFRLDNLNLMAYGVKSPLSLIARFSPIDGMSGLAGVGLSGGAAGAGWCIF VYNLSPEADESVLWQLFGPFGAVTNVKVIRDFTTNKCKGFGFVTMTNYDEAAMAIAS

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LNGYRLGERVLQVSFKTSKQHKATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ELAVL3 ELAV like RNA binding protein 3 [Homo sapiens (human)]

Official Symbol ELAVL3

Synonyms ELAVL3; ELAV like RNA binding protein 3; HUC; HUCL; PLE21; ELAV-like protein 3; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C); ELAV like neuron-specific RNA binding protein 3; Hu antigen C; hu-antigen C; paraneoplastic cerebellar degeneration-associated antigen; paraneoplastic limbic encephalitis antigen 21

Gene ID 1995

mRNA Refseq NM_001420

Protein Refseq NP_001411

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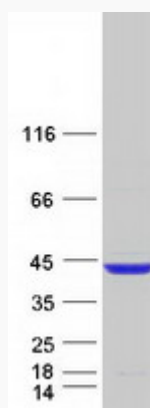
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MIM 603458

UniProt ID Q14576

SDS-PAGE



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