

Recombinant Human ELAVL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELAVL1-6668H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ELAVL1 MS Standard C13 and N15-labeled recombinant protein (NP_001410) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich elements (AREs) found in the 3' untranslated regions of mRNAs. AREs signal degradation of mRNAs as a means to regulate gene expression, thus by binding AREs, the ELAVL family of proteins play a role in stabilizing ARE-containing mRNAs. This gene has been implicated in a variety of biological processes and has been linked to a number of diseases, including cancer. It is highly expressed in many cancers, and could be potentially useful in cancer diagnosis, prognosis, and therapy.
Molecular Mass	36.1 kDa
AA Sequence	MSNGYEDHMAEDCRGDIGRTNLIVNYLPQNMTQDELRSLFSSIGEVEESAKLIRDKVA GHS LGYGFVNYVTAKDAERAINTLNGRLRLQSKTIKVSYPSPSEVIKDANLYISGLPR TMTQKDVEDMFSRFGRIINSRVLVDQTTGLSRGVAFIRFDKRSEAEAAITSFNGHKP PGSSEPITVKFAANPNQKNVALLSQLYHSPARRFGGPVHHQAQRFRFSPMGVDH MSGLSGVNVPGNASSGWCIFIYNLGQDADEGILWQMFGPFGAVTNVKVIRDFNTNK

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	CKGFGFVTMTNYEEAAMAIASLNGYRLGDKILQVSFKTNKSHKTRTRPLEQKLISEE DLAANDILDYKDDDDKV
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	ELAVL1 ELAV like RNA binding protein 1 [Homo sapiens (human)]
Official Symbol	ELAVL1
Synonyms	ELAVL1; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R); HUR; ELAV-like protein 1; embryonic lethal; abnormal vision; drosophila; homolog like 1; Hu antigen R; Hua; HuR; MeIG; hu-antigen R; embryonic lethal, abnormal vision, drosophila, homolog-like 1; ELAV1;
Gene ID	1994
mRNA Refseq	NM_001419
Protein Refseq	NP_001410

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MIM 603466

UniProt ID Q15717

SDS-PAGE



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