

Active Recombinant Full Length Human ELAVL1 Protein, C-Flag-tagged

Cat. No. ELAVL1-75HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ELAVL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	EMSA reaction positive control
Molecular Mass	35.9 kDa
AA Sequence	MSNGYEDHMAEDCRGDIGRTNLIVNYLPQNMTQDELRSFLSSIGEVEESAKLIRDKVA GHSLGYGFVNYVT AKDAERAINTLNGRLQSKTIKVSYPSPSEVIKDANLYISGLPR

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TMTQKDVEDMFSRFGRINSRVLVD QTTGLSRGVAFIRFDKRSEAEAAITSFNGHKP
 PGSSEPITVKFAANPNQKNVALLSQLYHSPARRFGGP VHHQAQRFRFSPMGVDH
 MSGLSGVNVPGNASSGWCIFIYNLGQDADEGILWQMFGPFGAVTNVKVIRDFN
 TNKCKGFGFVTMTNYEEAAMAIASLNGYRLGDKILQVSFKTNKSHKTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

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.
Full Length	Full L.

GENE INFORMATION

Gene Name	ELAVL1 ELAV like RNA binding protein 1 [Homo sapiens (human)]
Official Symbol	ELAVL1
Synonyms	HUR; Hua; MeIG; ELAV1
Gene ID	1994
mRNA Refseq	NM_001419.3

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Protein Refseq NP_001410.2

MIM 603466

UniProt ID Q15717



Coomassie blue staining of purified ELAVL1 protein.

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