Active Recombinant Human ELAVL1 Protein, MYC/DDK-Tagged

Cat. No. ELAVL1-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ELAVL1 protein, C-Myc/DDK-tagged, was expressed in HEK293T cell
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.
Cytogenetics	19p13.2
Refseq Size	6075
Refseq ORF	978
Bio-activity	EMSA reaction positive control

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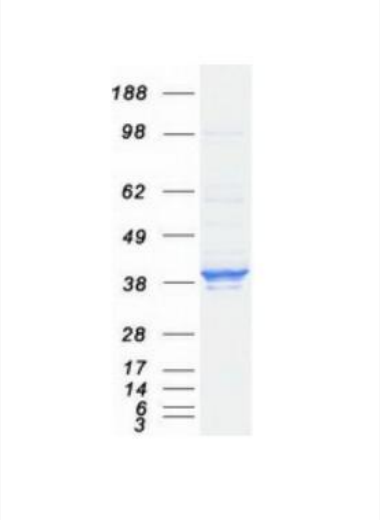
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Storage	Store at -80°C.
Concentration	>50 ug/mL as determined by microplate BCA method
Molecular Mass	35.9 kDa
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

GENE INFORMATION

Gene Name	ELAVL1 ELAV like RNA binding protein 1 [Homo sapiens (human)]
Official Symbol	ELAVL1
Synonyms	ELAV1; Hua; HUR; MelG
Gene ID	1994
mRNA Refseq	NM_001419.3
Protein Refseq	NP_001410.2
UniProt ID	Q15717

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MIM	603466



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