

## Product datasheet for **TP301562**

### ELAVL1 (NM\_001419) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R) (ELAVL1), 20 µg   |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC201562 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MSNGYEDHMAEDCRGDIGRTNLIVNYLPQNMTQDELRSLFSSIGEVEAKLIRDKVAGHSLGYGFVNVVT<br>AKDAERAINLNLRLQSKTIKVSYPSPSEVIKDNALYISGLPRTMTQKDVEDMFSRFGRIINSRVLVD<br>QTTGLSRGVAFIRFDKRSEAEAITSFNGHKPPGSSEPIVKFAANPNQKNVALLSPLYHSPARRFGGP<br>VHHQAQRFRRFSPMGVDHMSGLSGVNVPGNASSGWCIFIYNLQDADEGILWQMFGPFGAVTNVKVIR<br>DFN<br>TNKCKGFGFVTMTNYEEAAMAIASLNGYRLGDKILQVSFKTNKSHK<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 35.9 kDa  |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method  |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| Bioactivity:                          | EMSA reaction positive control (PMID: <a href="#">27609814</a> )  |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |

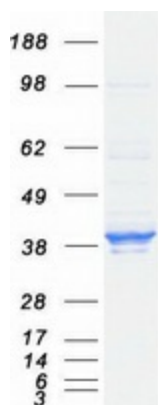


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|               |                           |
|---------------|---------------------------|
| RefSeq:       | <a href="#">NP_001410</a> |
| Locus ID:     | 1994                      |
| UniProt ID:   | <a href="#">Q15717</a>    |
| RefSeq Size:  | 6075                      |
| Cytogenetics: | 19p13.2                   |
| RefSeq ORF:   | 978                       |
| Synonyms:     | ELAV1; Hua; HUR; MeIG     |

**Summary:** 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. [provided by RefSeq, Sep 2012]

### Product images:



Coomassie blue staining of purified ELAVL1 protein (Cat# TP301562). The protein was produced from HEK293T cells transfected with ELAVL1 cDNA clone (Cat# [RC201562]) using MegaTran 2.0 (Cat# [TT210002]).