

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	>RC201562 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSGYEDHMAEDCRGDIGRTNLIVNYPQNMTQDELRSLFSSIGEVEAKLIRDKVAGHSLGYGFVNYVT
AKDAERAINLNLRLQSKTIKVSYPSPSEVIKANDANLYISGLPRTMTQKDVEDMFSRFGRIINSRVLVD
QTTGLSRGVAFIRFDKRSEAEAITSFNGHKPPGSSEPITVKFAANPNQNKNVALLSPLYHSPARRFGGP
VHHQAQRFSPMGVDHMSGLSGVNVPGNASSGWCIFIYNLQGDADEGILWQMFPGFVAVTNVKVIRDFN
TNKCKGFGFVTMTNYEEAAMAIASLNGYRLGDKILQVSFKTNKSHK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: 27609814)
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.
RefSeq:	NP_001410

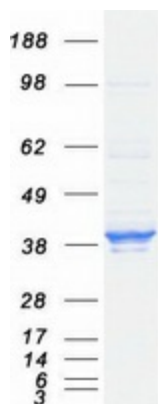


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Locus ID: 1994
UniProt ID: [Q15717](#)
RefSeq Size: 6075
Cytogenetics: 19p13.2
RefSeq ORF: 978
Synonyms: ELAV1; Hua; HUR; MeIG

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]).