

Product datasheet for PH301562

ELAVL1 (NM_001419) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ELAVL1 MS Standard C13 and N15-labeled recombinant protein (NP_001410)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201562
Predicted MW:	36.1 kDa
Protein Sequence:	>RC201562 protein sequence Red=Cloning site Green=Tags(s) MSNGYEDHMAEDCRGDIGRTNLI VNYLPQNMTQDEL RSLFSSIGEVESAKLIRDKVAGHSLGYGFVNYVT AKDAERAINTLNGLRLQSKTIKVS YARPSSEVIKDANLYISGLPRTMTQKDVEDMFSRFGR IINSRVLVD QTTGLSRGVAFIRFDKRSEAEAAITSFNGHKPPGSSEPI TVKFAANPNQNKNVALLSQLYHSPARRFGGP VHHQAQRFRFSPMGVDHMSGLSGVNVPGNASSGWCIF IYNLGDQADEGILWQMF GPF GAVTNVKVIRDFN TNKCKGFGFVTMTNYEEAAMAIASLNGYRLGDKILQVSFKTNKSHK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001410</u>
RefSeq Size:	6075
RefSeq ORF:	978
Synonyms:	ELAV1; Hua; HUR; MeIG
Locus ID:	1994



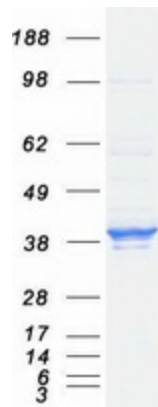
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UniProt ID: [Q15717](#)

Cytogenetics: 19p13.2

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]).