
Product Data Sheet

Product Name: ELAVL2 Human
 Cat. No.: GP23392
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ELAV Like Neuron-Specific RNA Binding Protein 2; HUB; ELAV(Embryonic Lethal; Abnormal Vision; Drosophila)-Like 2 (Hu Antigen B); NervousSystem-Specific RNA-Binding Protein Hel-N1; Hu-Antigen B; HELN1; ELAV(Embryonic Lethal; Abnormal Vision; Drosophila)-Like 2; ELAV-Like NeuronalProtein 1 Isoform Hel-N2; ELAV-Like Neuronal Protein 1; ELAV-Like Protein 2; HuAntigen B; HEL-N1; ELAV-like protein 2; ELAV-like neuronal protein 1; Hu-antigenB.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMETQLSN GPTCNNTANG PTTINNNCSS PVDSGNTEDS KTNLIVNYLP QNMTQEELKS LFGSIGEIES CKLVRDKITG QSLGYGFVNY IDPKDAEKAI NTLNGLRLQT KTIKVSYPARP SSASIRDANL YVSGLPKMT QKELEQLFSQ YGRIITSRIL VDQVTGISRG VGFIRFDKRI EAEEAIKGLN GQKPPGATEP ITVKFANNPS QKTNQAILSQ LYQSPNRRYP GPLAQQAQR FSPMTIDGM TSLAGINIPG HPGTGWCFV YNLAPDADES ILWQMFGPFG AVTNVKVIRD FNTNKCKGFG FVTMTNYDEA AMAIASLNGY RLGDRVLQVS FKTNKTHKA.		
Formulation	ELAVL2 protein solution (0.5mg/ml) containing Phosphatebuffered saline (pH7.4), 30% glycerol and 1mM DTT.		

Introduction

ELAV Like Neuron-Specific RNA Binding Protein 2, also known as ELAVL2 is a neural-specific RNA-binding protein which is recognized with its ability to bind to several 3' UTRs, as well as its own and in addition those of FOS and ID. ELAVL2 identifies a GAA motif in the RNA. One of the diseases associated with ELAVL2 is contagious pustular dermatitis.

Stability

Caution: Product has not been fully validated for medical applications. For research use only.

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Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

ELAVL2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 369 amino acids (1-346 a.a) and having a molecular mass of 40.4kDa.

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