

Human Protein Prune Homolog 2 (PRUNE2) ELISA Kit | PRUNE2 elisa kit

Human Protein Prune Homolog 2 (PRUNE2) ELISA Kit

CATALOG #
AAA331278

REACTIVITY
Human

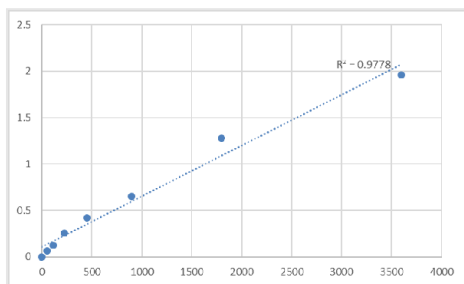
PRODUCT SYNONYMS

Protein Prune Homolog 2 (PRUNE2); Human Protein Prune Homolog 2 (PRUNE2) ELISA Kit; PRUNE2; RP11-214N16.3; A214N16.3; BMCC1; BNIPXL; C9orf65; DKFZp762K117; FLJ50060; FLJ54876; FLJ59118; KIAA0367; RP11-58J3.2; bA214N16.3; BCH motif-containing molecule at the carboxyl terminal region 1; BNIP2; PRUNE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein prune homolog 2 (PRUNE2) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRUNE2. No significant cross-reactivity or interference between Human PRUNE2 and analogues was observed.
Sequence Length	3088
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Protein prune homolog 2 (PRUNE2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRUNE2 elisa kit	Description: This Human Protein prune homolog 2 (PRUNE2) ELISA Kit employs a two-site sandwich ELISA to quantitate PRUNE2 in samples. An antibody specific for PRUNE2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRUNE2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRUNE2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRUNE2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The deduced 2,714-amino acid protein has a coiled-coil sequence, a proline-rich region, a P loop, and a C-terminal BNIP2 and CDC42GAP (ARHGAP1) homology (BCH) domain, which contains 3 putative transmembrane domains. Northern blot analysis detected a 12-kb transcript in fetal brain. Semiquantitative RT-PCR revealed BMCC1 expression in all tissues examined except bone marrow, thymus, and spleen. Expression was highest in brain, cerebellum, spinal cord, and adrenal gland. RT-PCR of synchronized HeLa cells showed that BMCC1 was predominantly expressed in G1 phase of the cell cycle. In situ hybridization of mouse embryos showed that Bmcc1 was specifically expressed in neural tube and neural crest-related tissues.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	162287219
NCBI GeneID	158471
NCBI Accession #	NP_056040.2
NCBI GenBank Nucleotide #	NP_056040.2
UniProt Accession #	Q8WUY3
NCBI Official Full Name	protein prune homolog 2 isoform 1
NCBI Official Synonym Full Names	prune homolog 2 with BCH domain
NCBI Official Symbol	PRUNE2
NCBI Official Synonym Symbols	BMCC1; BNIPXL; C9orf65; KIAA0367
NCBI Protein Information	protein prune homolog 2
UniProt Protein Name	Protein prune homolog 2
UniProt Gene Name	PRUNE2
UniProt Synonym Gene Names	BMCC1; BNIPXL; C9orf65; KIAA0367
UniProt Entry Name	PRUN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/protein-prune-homolog-2-prune2/331278>